



DOT HS 812 618 September 2018

Special Crash Investigations Non-Traffic Surveillance Remote Hyperthermia Fatality Investigation Vehicle: 2004 Chevrolet TrailBlazer

Location: Georgia

Crash Date: May 2014

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The crash investigation process is an inexact science which requires that physical evidence such as skid marks, vehicular damage measurements, and occupant contact points be coupled with the investigator's expert knowledge and experience of vehicle dynamics and occupant kinematics to determine the pre-crash, crash, and post-crash movements of involved vehicles and occupants.

Because each crash is a unique sequence of events, generalized conclusions cannot be made concerning the crashworthiness performance of the involved vehicles or their safety systems.

This report and associated case data are based on information available to the Special Crash Investigation team on the date this report was published.

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15. Supplementary Note

An investigation of the circumstances surrounding the hyperthermia fatality of a 2-year-old child in a 2004 Chevrolet TrailBlazer.

16. Abstract

This report documents the remote investigation and the circumstances surrounding the hyperthermia-related fatality of a 27-month-old female who was found inside a 2004 Chevrolet TrailBlazer sport utility vehicle (SUV). The Chevrolet was parked on an asphalt parking lot of an apartment complex. The child's mother returned home with the Chevrolet after transporting the child and her twin sibling. The mother alleged that she removed the sibling from the vehicle and left the 2-year-old outside under the supervision of a family member. She further stated to the police that she left one of the vehicle doors open. The 2-year-old child apparently climbed back into the Chevrolet and the door closed. She was later found in the closed vehicle unconscious. Police and emergency medical services responded to the scene and initiated cardiopulmonary resuscitation. The child was transported by ambulance to a pediatric trauma center where she was pronounced deceased. The police investigation found the vehicle doors, windows, and locking systems to be in proper working order.

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TABLE OF CONTENTS

BACKGROUND	1
INCIDENT SITE	2
2004 CHEVROLET TRAILBLAZER	2
Description	2
Glazing	2
Power Windows	3
Door Locking System	3
Exterior Door Handles	4
Interior Door Release Levers	5
INCIDENT	5
CHILD DEMOGRAPHICS	6
CHILD INJURIES	6
INCIDENT SITE DIAGRAM	7
APPENDIX: Non-Traffic Surveillance Forms	A-1

Non-Traffic Surveillance Special Crash Investigations Case No. CR16037

Remote Hyperthermia Fatality Investigation

Vehicle: 2004 Chevrolet Trailblazer

Location: Georgia
Incident Date: May 2014

BACKGROUND

This report documents the remote investigation and the circumstances surrounding the hyperthermia-related fatality of a 2-year-old (27 months) female who was found inside a 2004 Chevrolet TrailBlazer sport utility vehicle (SUV) (**Figure 1**). The Chevrolet was parked on an asphalt parking lot of an apartment complex. The child's mother returned home with the Chevrolet after transporting the child and her twin sibling. The mother alleged that she removed the sibling from the vehicle and left the 2-year-old outside



Figure 1: Exemplar 2004 Chevrolet TrailBlazer. (Image obtained from the Internet.)

under the supervision of a family member. She further stated to the police that she left one of the vehicle doors open. The 2-year-old apparently climbed back in the Chevrolet and the door closed. She was later found in the closed vehicle unconscious. Police and emergency medical services (EMS) responded to the scene and initiated cardiopulmonary resuscitation. The child was transported by ambulance to a pediatric trauma center where she was pronounced deceased. The police investigation found the vehicle doors, windows, and locking systems to be in proper working order.

The incident was identified by the National Highway Traffic Safety Administration and assigned to the Special Crash Investigations group for further research in November 2016. This research was aimed to chronicle the circumstances of these types of incidents and provide direction to potential countermeasures. Approximately 700 children have died due to hyperthermia over a 19-year period (1998 – 2016) with 28 percent of these deaths attributed to children playing in unattended vehicles.¹

The SCI team contacted the involved police agency and interviewed the investigating officer to obtain the circumstances of the incident. This interview, an exemplar vehicle inspection, supplemental internet research and the police incident report provided the basis for this remote investigation.

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¹ Null, J. (2016) Heatstroke Deaths of Children in Vehicles [Web page]. San Jose, CA: Department of Meteorology and Climate Science, San Jose State University. Retrieved from http://noheatstroke.org

INCIDENT SITE

This incident occurred during midafternoon hours in the parking lot of an apartment complex (**Figure 2**). At the time of the incident, the National Weather Service reported the skies as clear with a temperature of 30.6 °C (87.1 °F), heat index of 30.5 °C (87 °F), 41 percent humidity and south/southwesterly winds of 13 km/h (8.1 mph). The child's family resided in a two-story apartment building oriented primarily in a north/south direction. Several large trees shaded the southwest corner of the multi-unit



Figure 2. Satellite image of the incident site. North lies at the top of the image.

building. The parking lot for this apartment was located to the east of the building and was surfaced with asphalt with delineated parking spaces. The parking lot had full exposure to the sun and sky as there were no trees to shade the lot.

2004 CHEVROLET TRAILBLAZER

Description

The 2004 Chevrolet TrailBlazer was a 4-door SUV with the LS trim level. **Figure 3** is an exterior view of an exemplar 2004 Chevrolet TrailBlazer. The Chevrolet was identified by Vehicle Identification Number (VIN) 1GNDS13S342xxxxxx. Although there were no images available for this vehicle, the VIN decoding identified the platform as rear-wheel drive, powered by a 4.2-liter, V-6 gasoline engine linked to a 4-speed automatic transmission. The police incident report listed the exterior color as black. The interior color is unknown. Standard features included front



Figure 3. Exterior view of an exemplar 2004 Chevrolet TrailBlazer.

bucket seats with adjustable head restraints, a split second-row bench seat with adjustable head restraints in the left and right positions.

Glazing

The Chevrolet was equipped as standard with an AS1 laminated windshield, AS2 tempered front door glazing, AS3 second-row doors and rear quarter windows, and an AS3 backlight incorporated into the lift gate. Due to the lack of police images, it is unknown if the Chevrolet had aftermarket deep window tint on the front door glazing or a roof window.

Power Windows

The Chevrolet was configured with power door windows as standard equipment. The driver's position contained a master console to control the operation of all four door windows. A cluster of four rocker switches were positioned on the horizontal and forward aspect of the driver's door panel. The forward two switches operated the front row door windows while the aft two switches operated the second-row doors. The front row switches were configured with the auto-down feature that required a single push of the switch to fully lower the front door windows. The forward aspect of the longitudinally mounted switches controlled the down mode while the aft aspect of the switch controlled the power up mode. A separate lockout rocker switch was positioned forward of the window switch cluster and provided the driver the ability to lock out the functionality of the front row right and second row power door windows.

The front row right and both second row door panels were configured with horizontally-mounted rocker switches that controlled the power window for that specific door. The power windows only operated with the key in the ignition and the ignition switch rotated to the accessory or run positions.

Door Locking System

As standard equipment, the 2004 Chevrolet TrailBlazer was equipped with a remote key fob to lock and unlock the vehicle's doors and rear lift gate. The key fob was configured with a lock button that locked all doors on a single push of the button. The unlock feature required one push of the button to unlock the driver's doors and two pushes of the button to unlock the remaining doors and the lift gate. It is unknown if the mother engaged the remote lock feature after she removed the children from the vehicle. This locking feature can still be enabled if a door is in the open position.

The Chevrolet's interior power locking system consisted of front door panel-mounted rocker switches (**Figure 4**). The switches were 4 x 2 cm (1.5 x 0.75 in) in dimension and were horizontally mounted on the forward extension of the armrest and the integrated door close pull handle. A door image with a key icon identified the power locking rocker switch. The outer aspect (with respect to the vehicle interior) of the switch provided the locking mode while the inner aspect of the rocker provided the unlock



Figure 4. Exemplar vehicle driver's power door lock switch (arrow).

mode. It should be noted that the power lock feature remained active and fully functional without the ignition energized. The second-row doors were not equipped with power lock switches. Due to the location of the power locking switches on the front door panels, a child could inadvertently

lock the vehicle when playing in the vehicle by kneeling on the armrest-mounted switch and engaging the lock function.

Manual locking/unlocking of the vehicle was achievable by rotating the locking levers that were positioned directly above the hinge aspect of the door release levers on the interior door panels. These locking levers were color-matched (gray) to the door release levers and the trim pocket. The leading edge of the lever displayed a high visibility orange bar when rotated to the unlocked position (**Figure 5**). When rotated to the locked position, this orange highlight was concealed in the trim pocket for the door release lever. These



Figure 5. Unlocked position of the manual rotating lock lever of an exemplar vehicle.

levers also rotated to the respective positions by the activation of the power locking system. Manually rotating the locking lever would only unlock the respective door when all four doors were in the locked mode. In the locked mode, none of the doors would unlock by pulling on the interior door release levers. The locking levers had to be rotated to the unlock position to open the doors.

Exterior Door Handles

The exterior door handles of the Chevrolet were flush mounted in the upper aft aspect of the doors and required a vertical pull to open. The top-hinged handles were of polymer composition. Based on the SCI inspection of an exemplar vehicle, the front door handles were 97 cm (38.25 in) above the pavement while the rear door handles were 102 cm (40.0 in) above the ground surface. A vertical pull force was required to unlatch the door latch with 3 cm (1 in) of vertical movement of the handle. A horizontal pull force is then required to open the doors. The driver's door was equipped with a keyed door lock in the aft aspect of the door handle. **Figures 6 and 7** are images of the exterior door handle from an exemplar vehicle.



Figure 6. Exterior door handles of an exemplar vehicle.



Figure 7. Exemplar vehicle exterior door handle in the open/unlatched position.

The doors were configured with detents to hold the doors open at various positions. Based on the exemplar vehicle inspection, all four doors of the TrailBlazer were configured with three detent positions. These were measured from the outside edge of the seat cushion to the centerline of the horizontal pull handle on the interior door panels. The horizontal measurements of the three front door detent positions were 50 cm (19.5 in), 72 cm (28.5 in), and 91 cm (36 in). The rear door measured detent positions were 36 cm (14 in), 53 cm (21 in) and 61 cm (24 in).

Interior Door Release Levers

The interior door release levers of the Chevrolet were recessed into the door panels and positioned at the forward upper quadrant of the door panels. The levers required a horizontal pull force to unlatch the door latch mechanism. **Figures 8 and 9** depict the interior door release levers, front row and second row respectively.



Figure 8. Front row right interior door release lever of an exemplar vehicle.



Figure 9. Second row left interior door release lever of an exemplar vehicle.

INCIDENT

The police investigation for this hyperthermia death was limited as they classified the incident as a tragic event. There were no images and the reporting was sparse. This narrative is therefore based on the limited information available to the SCI team.

The owner and operator of the Chevrolet TrailBlazer was the child's mother. She was driving with the child and her twin and returned to the apartment complex between 1300 and 1400 hours. The driver parked the Chevrolet in a designated parking space with the front of the vehicle facing in a northwesterly direction. As she exited the vehicle, she reportedly removed the twin children from the Chevrolet and left one of the doors open. The mother instructed a family member to watch the child as she carried the other child into the apartment to change her diaper.

The child apparently returned to the vehicle and entered through the open door. The door was closed either by the child or it self-closed. The measured detents of the exemplar doors would have made it difficult for this 2-year-old to reach and close the door without falling out of the vehicle. The mother stated that at least an hour had passed since she returned home and realized that the child was missing. The mother and the other adult in the apartment began to look for the

child and found her in an unconscious state in the Chevrolet. The doors and windows of the vehicle were closed. The mother retrieved the child from the Chevrolet and carried her into the apartment. She placed her on the floor in a face-down position and called the emergency response system and reported an unresponsive child.

The first police officer arrived on-scene at 1454 hours. He located the apartment and found the child lying on the floor. He rolled the child over and determined that she was unconscious and hot to the touch. The police officer did not find a pulse and initiated CPR. Paramedics arrived on-scene, continued the CPR activities and placed the child on a cot for ambulance transport to a pediatric trauma center. While waiting for the ambulance to depart the scene, the mother informed another police officer that the child was found in the Chevrolet. The child was evaluated at the trauma facility and was pronounced deceased at 1538 hours.

The police conducted an inspection of the locking system and door handles of the Chevrolet TrailBlazer and determined that all systems were fully operational. No charges were filed against the mother.

Based on the inspection of the exemplar 2004 Chevrolet TrailBlazer, the documented detent positions of the doors, it is doubtful that this child was physically able to close an open door once inside the vehicle. Second, the height of the exterior door handles would have prevented the child from opening the doors unassisted. The mother's statement of taking one child into the apartment and leaving the child unaccounted for, for over an hour creates the possibility that the child was left unattended in the Chevrolet for the duration of the event.

CHILD DEMOGRAPHICS

The child involved in this hyperthermia fatality investigation was a 2-year-old (27 months) female. Her height and weight were not reported. The child was wearing a diaper; however, her clothing worn at the time of the incident is unknown. CPR efforts were performed at the scene of the incident by the responding firefighters. She was transported by ambulance to a local hospital where she expired due to the complications of hyperthermia.

CHILD INJURIES

Injury No.	Injury	AIS 2015	Involved Physical Component (IPC)	IPC Confidence Level
1	Hyperthermia	010200.1	Vehicle entrapment	Certain

Source - Police Incident Report

INCIDENT SITE DIAGRAM





Incident Site:
Apartment Complex Parking Lot

V1: 2004 Chevrolet Trailblazer



APPENDIX:

Non-Traffic Surveillance Forms

Not Applicable	Reset Values Prin
U.S. Department of Transportation National Highway Traffic Safety Administration SCEN	IE FORM Special Crash Investigations Non-Traffic Surveillance
1. Case Number	7. Type of area in which crash occurred (Select all that apply) Single family residential Row houses/townhouses Multi family housing Commercial Industrial Rural
3. Time of Crash 1 4 5 4 Code reported military time of crash. NOTE: Midnight = 2400 Unknown = 9999	Unknown 8. Driver exterior sightline obstructions (Select all that apply) None Utility poles Other vehicles Signs Building Glare Trees Unknown Shrubbery No driver present
4. Light Conditions Daylight Dark Dark but lighted Dawn Dusk Unknown	Other (specify) N/A 9. Crash location Parking Lot Road / street Parking Lot Roadside / shoulder Sidewalk Other (specify) N/A Alley Unknown Intersection of driveway and sidewalk
5. Atmospheric Conditions (Select all that apply) Clear-No adverse conditions Cloudy Rain Snow Fog, Smog, Smoke Sleet, Hail (freezing rain or drizzle) Blowing Snow Severe Crosswinds Blowing Sand, Soil, Dirt Other (specify): Unknown	10. Non motorist sightline obstructions (Select all that apply) None Other vehicles Building Trees Shrubbery Utility poles Signs Glare Other (specify) N/A Unknown + /- 11. Grade at parked position 9 9 9 9 %
6. Temperature Below 0 degrees Celsius (Below 32 F) 1-10 degrees Celsius (33-50 F) >10-24 degrees Celsius (51-75 F) Over 24 degrees Celsius (Over 75 F) Unknown	12. Estimated distance from parked position to impact

1. Case Nu	mber <u> </u>	R 1 6 0 3			
		VEHICLE IDEN	NTIFICATION		
2. VIN <u>1</u>	G N I	O S 1 3 S 3 4	4 <u>2 X X X</u>	<u>X</u> X	X
3. Model Y	ear <u>2</u> 0	0 4			
		/): Chevrolet			
5. Vehicle	Model (specif	y): Trailblazer			_
		GLAZ	ING		
Location	Presence (check)	Status (select)	Clarity (select)	Tint (check)	Glazing Obstructions (specify if present)
Windshield	\square	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		Not inspected
LF	\Box	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		Tint Unknown
RF	☑	Fixed // Closed // Open // Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
2 nd Left	\Box	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
2 nd Right	\Box	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
3 rd Left	\square	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
3 rd Right	\Box	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
Backlight	\square	Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
Left Backlight		Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
Right Backlight		Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
Roof		Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
Other (specify)		Fixed / Closed / Open / Partially Open / Unknown	Clear / Hazy / Very Dirty / Unknown		
		TIRED	DATA		
6. Vehicle	e Manufactu	rer Recommended Tire Size _	Unknown		
7. LF Tire	Size	<u>Unknown</u> 9.	RF Tire Size	Unkn	own
8. LR Tire	Size	<u>Unknown</u> 10.	RR Tire Size	Unkr	nown

Special Crash Investigations – Non-Traffic Surveillance: Vehicle Form Page 2

		Seats /	Head Restraint Data	
Seat Position	Seat Type (Select from below)	Head Restraint (Check if available)	Head Restraint Adjustment (select)	NOTES:
Front Left	1		Full Down / Mid / Full Up	Not inspected by SCI team. Head restraint adjutment
Front Middle	0		Full Down / Mid / Full Up	unknown.
Front Right	1		Full Down / Mid / Full Up	
2 nd Left	4		Full Down / Mid / Full Up	
2 nd Middle	4		Full Down / Mid / Full Up	
2 nd Right	4		Full Down / Mid / Full Up	
3 rd Left			Full Down / Mid / Full Up	
3 rd Middle			Full Down / Mid / Full Up	
3 rd Right			Full Down / Mid / Full Up	

Seat Type codes:

0 = No seat or seat folded down

1 = Bucket

8 = Pedestal (i.e. column supported) 9 = Box mounted (i.e. van type) 10= Other seat type (specify) 2 = Bucket w/ folding back 3 = Bench

99= Unknown seat type

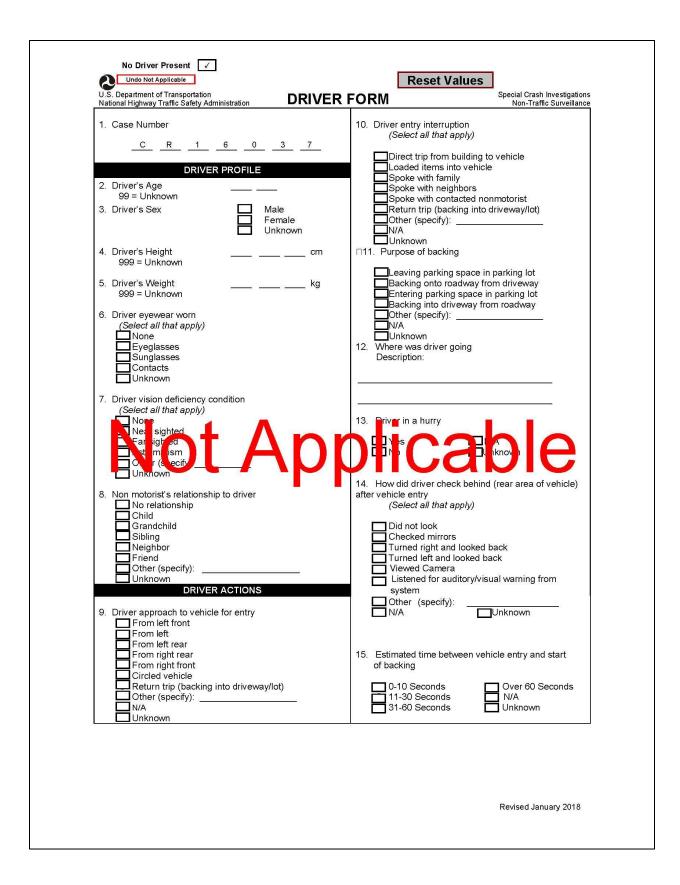
4 = Bench with folding back cushions
5 = Bench w/ folding back
6 = Split bench w/ separate back cushions
7 = Split bench w/ separate folding back

VEHICLE MEASUREMENTS				
Clearance Heights	Measurements (all from ground, and in centimeters	NOTES		
Beltline		Not inspected by SCI team.		
Top of trunk/tailgate				
Bottom of bumper				
Trailer hitch (if applicable)				
Undercarriage				
Sway bar				
Axle				
Differential				
Other (specify):				
Sensor Height (if equipped)				
Camera Height (if equipped)				

Revised January 2018

None present LCD (color) CRT (black & white) Unknown	1. Case Number	7. Video image quality under scene lighting conditions None present
OEM ultrasonic/radar sensor OEM combination camera-ultrasonic/radar sensor OEM Fresnel lens OEM interior mirrors Aftermarket camera No, poor image quality due to glare No, poor image quality due to atmospheric conditions No, camera turned off No, camera turned off No, camera inoperable OHM No, poor image quality due to atmospheric conditions No, camera turned off No, camera inoperable OHM No, poor image quality due to atmospheric conditions No, camera turned off No, camera inoperable OHM No, poor image quality due to atmospheric conditions No, camera turned off No, camera inoperable OHM No, camera inoperable OHM No, poor image quality due to atmospheric conditions No, camera turned off No, camera turned off No, camera turned off No, camera inoperable OHM No, camera inoperable OHM No, poor image quality due to atmospheric conditions No, camera turned off No, camera turned off No, camera turned off No, camera turned off No, camera inoperable OHM No, camera inoperable OHM No, poor image quality due to atmospheric conditions No, camera turned off No, camera turned off No, camera turned off No, camera inoperable OHM No, sensor present OHM No, sensor present OHM No, sensor present OHM No, sensor present OHM No, system did not alert driver No, system d		□Average □Poor (specify):
3. System make/model 4. I'idetto print typ: None present LCD (color) CRT (black & white) Unknown 5. Video display size (Diagonal) 6. Camera location None present Bumper License plate Tailgate/Hatch/Trunk Other (specify): 10. Auditory warning illumination 11. Number of sensors 12. Sensor locations (Select all that apply) No sensor present License plate area Tailgate/Hatch/Trunk 13. Was warning system functioning properly No sensor present Ves, system alerted driver No, system did not alert driver No, system did not alert driver No, system turned off	□ ○EM ultrasonic/radar sensor □ ○EM combination camera-ultrasonic/radar sensor □ ○EM Fresnel lens □ ○EM interior mirrors □ □ Aftermarket camera □ □ Aftermarket ultrasonic/radar sensor □ □ Aftermarket combination camera-ultrasonic radar sensor □ □ Aftermarket Fresnel lens □ □ Aftermarket interior mirrors □ ○ Other (specify): □ □ CAMERA INFORMATION	None present Yes No, poor image quality due to glare No, poor image quality due to atmospheric conditions No, camera turned off No, camera inoperable Unknown ULTRASONIC/RADAR SENSOR Specify object detection range on diagram
□Unknown	3. System make/model 4. Idea to prior typ. None present LCD (color) CRT (black & white) Unknown 5. Video display size (Diagonal) 6. Camera location None present Bumper License plate Tailgate/Hatch/Trunk	11. Number of sensors 12. Sensor locations (Select all that apply) No sensor present Left bumper Center bumper Right bumper License plate area Tailgate/Hatch/Trunk 13. Was warning system functioning properly No sensor present Yes, system alerted driver No, system did not alert driver No, system turned off No, system inoperable

14. Did driver react to warning	
☐ No sensor present ☐ Yes ☐ No	
☐ Unknown☐ Sensor present, did not sound	
15. Did driver report common false warnings	
☐ No sensor present ☐ Yes ☐ No ☐ Unknown	
Not An	plicable
1 10 t / tp	Piloabio



16. What direction was the driv backing maneuver (Select all that apply)	(Select all that apply) ☐ No, never saw non motorist
Straight ahead Right Left Rearward At object inside the car At mirrors Other (specify): N/A Unknown 17. Was the driver distracted d maneuver (Select all that apply)	Saw non motorist prior to entering vehicle Saw non motorist after entering vehicle Other (specify): N/A Unknown 20. Est time between start of backing and impact <2 or = 1 second 2-5 seconds 6-10 seconds > 10 seconds N/A Unknown
No non-driving activities External Looking at other vehicle Looking at other non mo Looking at intended turn External focus, not spec Other external focus (sp Internal Looking at other occupa Talking to passenger Dialing phone Taking on phone Taking on phone Taking on phone Listening to sadd a diport A string climate contro Using a conce/controls (specify):	(Select all that apply) storist destination iffied ecify): nt More than 10 times the last three months 6-10 times the last three months 2-5 times the last three months Less than 2 times the last three rights table playball of vices r y// Urring of viving in this parking lot/drivew/ay
Reading/adjusting navig Eating or drinking Smoking related Retrieving fallen object (specify): Internal focus, not speci Focused on other intern (specify): N/A Unknown 18. Driver avoidance actions pr (Select all that apply) None	Weekly Several times a month Monthly Rarely First time in lot/driveway al object 24. Driver Impairment (Select all that apply)
Braking Steering left Steering right Accelerating Other (specify): N/A Unknown	Unknown 25. Source of alcohol/drug results Police reported Medical record Other (specify) Not Tested Unknown if tested

Non-motorist's Age 9 = Unknown 3. Non-motorist's Height 9 = 9 orm 999 = Unknown 4. Non-motorist's Weight 9 = 9 orm 999 = Unknown 5. Non-motorist's Weight 0 1 4 kg 999 = Unknown 6. Medical outcome Stratler Frault Information Information Not injured ER only Hospitalized 1-4 days Hospitalized 5 days or more Treatment later Information Info	Case Number	Special Crash Investigation Non-Traffic Surveillar 11. Non-motorist motion
Treatment later	NON-MOTORIST PROFILE 2. Non-motorist's Age 99 = Unknown 3. Non-motorist's Sex	Not moving Walking slowly Walking rapidly Running or jogging Skipping/Hopping/Jumping Falling/Stumbling/Rising On skates/skateboard On bike/scooter Other (specify): Unknown 12. Non-motorist approach relative to rear of vehicle Stationary From left From right From right From behind Other (specify): Unknown 13. Non-motorist first avoidance action
9. Source of alcohol/drug results Unknown Police reported Medical Report 15. Were any other Non-motorists present?	Treatment later Fatal Unknown 7. Source of most severe injury Bumper Tire Undercarriage Other Specify: Hyperthermia Ground N/A Unknown 8. Non-motorist impairment (Select all that apply) No drugs or alcohol present Positive for alcohol (specify BAC): Desitive for drugs (specify): Unknown 9. Source of alcohol/drug results Police reported Medical Report	Stopped Accelerated pace Ran away (along vehicle path) Jumped Turned away from vehicle Turned toward vehicle and braced Dove or fell away from vehicle Other (specify): N/A Unknown 14. Non-motorist primary focus of attention Striking vehicle Play object Person Surrounding traffic Animal Handheld electronic (phone, MP3 player, etc.) Other Object (specify) N/A Unknown
Other (specify) Not Tested Unknown if tested NON-MOTORIST ACTIONS 10. Non-motorist attitude Standing Bending at waist Sitting Crouching Kneeling (Select all that apply) Alone One adult present Multiple adults present Multiple children present Unknown (Select all that apply)	Not Tested Unknown if tested NON-MOTORIST ACTIONS 10. Non-motorist attitude Standing Bending at waist Sitting Crouching Unknown Unknown	Alone One adult present One other child present Multiple adults present Multiple children present

Special Crash Investigations – Non-Traffic Surveillance: Non-Motorist Form

Page 2

NON MOTORIST CLOTHING

NOTES:

- Specify Color, Fabric and Texture/Weight for outermost layer only
 Indicate "NONE" if applicable
 Available codes:

	Elack Lt gray/silver Gold/tan Dark blue Dark green Maroon Orange White Pink	Charcoal gray Brown Purple Light blue Light green Red Yellow Other (specify)	Fabrics Natural Synthetic Blend	<u>Textures</u> Soft Slick Coarse	Weights Heavy Medium Light
-	Clothing	Color	Fabric	Texture	Weight
HEADWEAR UPPER BODY	Hat				
	Helmet				
	Hood				
	Other (specify):				
	Unknown				
	Short Sleeve				
	Long Sleeve				
	Light Jacket				
	Heavy Jacket				
	Other (Specify):				
	Unknown	Unknown	Unknown	Unknown	Unknown
LOWER BO	Shorts				
	Pants				
	Shoes				
	Other (specify):				
P	Unknown	Unknown	Unknown	Unknown	Unknown

Revised January 2018



