Remote Not In Traffic Surveillance Hyperthermia Investigation
Dynamic Science, Inc. / Case Number: DS07033
2004 Honda Civic
California
May 2007

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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 in order 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 vehicle(s) or their safety systems.

Technical Report Documentation Page

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16. Abstract

This remote investigation focused on the circumstances surrounding the death of a 10-month-old female who was left unattended in a 2004 Honda Civic. The 27-year-old female driver had placed the child in a Graco child safety seat that was anchored in the second row right seat of the Honda Civic. The incident occurred over the length of the work day in the parking lot of the driver's (the child's mother) place of employment. The driver found the child in the vehicle after she had returned to her residence. Emergency personnel were called and the child was transported to a local hospital. She was pronounced dead at 1631 hours. This fatality was not reported as a traffic related death.

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Dynamic Science, Inc.
Crash Investigation
Case Number: DS07033

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BACKGROUND

This remote investigation focused on the circumstances surrounding the death of a 10-month-old female who was left unattended in a 2004 Honda Civic (**Figures 1-2**). The 27-year-old female driver had placed the child in a Graco child safety seat that was anchored in the second row right seat of the Honda Civic. The incident occurred over the length of the work day in the parking lot of the driver's (the child's mother) place of employment. The driver found the child in the vehicle after she had returned to her residence. Emergency personnel were called and the child was transported to a local hospital. She was pronounced dead at 1631 hours. This fatality was not reported as a traffic related death.

Figure 1. Subject vehicle, 2004 Honda Civic

This Remote Not In Traffic Surveillance (NITS) Hyperthermia Investigation was initiated by NHTSA in response to an on-line news article reporting the death of a 10-month-old female left in a vehicle. DSI was notified of the article on May 29, 2007. The investigating police agency was contacted. An Incident/Investigation Report was requested. On July 31, 2007, DSI obtained a copy of the report. DSI was assigned the case on August 1, 2007. The on-scene photographs were requested after obtaining the incident report. They were received on April 22, 2008. This report was based on the incident report and the on scene photographs.

Figure 2. Front, 2004 Honda Civic.

SUMMARY

Vehicle Data

The subject vehicle was identified by the Vehicle Identification Number (VIN): 2HGES16504Hxxxxxx. The four-door, front wheel drive sedan was powered by a 1.7 liter, 4-cylinder engine linked to an automatic transmission. The Honda was black in color.

Incident Site

The incident occurred between 0900 and 1500 hours in May 2007. According to the nearest weather reporting station, the sky was clear and the temperature ranged from 11 degrees C (52 degrees F) at 0900 to 24 degrees C (76 degrees F) at 1500 hours.

The incident occurred in a asphalt parking lot on a college campus in California. The driver's place of work was located on the west side of the parking lot. Traffic enters the parking lot from the south. Parking is set up as a diagonal relative to the buildings. The 2004 Honda Civic was parked near the north end of the parking lot and was facing west (**Figures 3-4**). Due to the configuration of the parking lot and the location of the vehicle relative to adjacent trees or buildings, no shade from the daytime sun would have been available to the vehicle.

Figure 3. Incident site (vehicle in photo is not the subject vehicle).

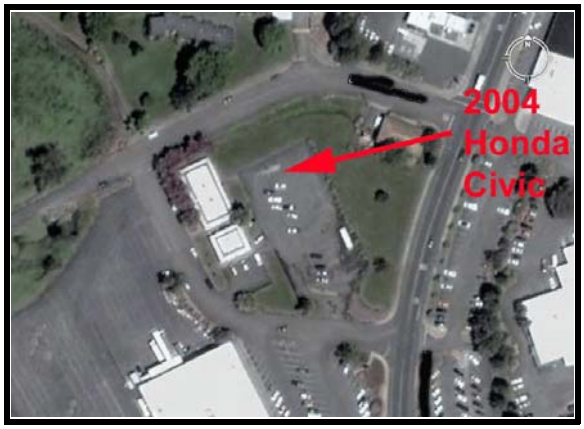

Figure 4. Overhead view of the incident site.

Incident

On the morning of the incident, the 27-year-old female driver placed the child in a Graco child safety seat that was anchored in the second row right seat of the Honda Civic (**Figure 5**). The child seat was rear facing. A mirror was placed on the right rear seat back that would allow the driver to see the child's face (**Figure 6**). The driver had placed the child in the seat at approximately 0800 hours.

The driver's normal practice is that she leaves her residence at 0630-0700 hours to drop the child off at daycare before going to work. The director of the daycare facility indicated that it was not uncommon for there to be absences without calls from the parents. She did state that the parents of the involved child would usually contact the center when the child was not going to be present. She indicated that she thought about calling the parents that day but never got around to it.

The driver normally drives a pickup. Both the Civic and pickup have a child safety seat installed in the right rear seat position. On this occasion, however, the driver was going to drop off a CD to her former employer. The former employer's place of business is a longer journey than her normal journey, so she took the Civic because it had better gas mileage. After driving to her former employer's place of business, she took the child inside to show the child to the driver's former co-workers. The child was then placed back into the child seat and apparently fell asleep. The driver stopped at a drive-through coffee shop, where she picked up a coffee drink and a snack. The driver indicated that she last noticed the child at this time (approximately 0820 hours). Because she could not tell if the sun was in the child's eyes, she put the hood over the child seat.

Figure 5. Graco rear-facing child seat in right rear seat position.

Figure 6. Rear facing child seat with mirror visible.

The driver had planned to drop the child off at daycare on her way to work. The daycare facility is located on campus near her place of work. The driver forgot to drop the child off and went straight to work. The driver worked from 0900 hours to approximately 1500 hours. She then drove from work back to her residence. She indicated that she thought she had about an hour-and-a-half to clean the house before picking up the child from day care.

An overview of the time and distances involved is shown below:

	Estimated distance	**Estimated travel time**
Travel between residence and former employer	43.5 km (27.0 miles)	40 minutes
Travel between former employer and drive through coffee shop	2.7 km (1.7 miles)	4 minutes
Travel drive through coffee shop and driver's place of work	38.6 km (24.0 miles)	37 minutes
Travel from place of work to residence	0.8 km (0.5 miles)	1 minute

When the driver arrived at her residence, she exited the vehicle, went to the front right passenger door to remove some items from the front seat. She saw the child in the vehicle and was initially excited to see her. She then realized what had happened, that she had left the child in the vehicle.

The driver removed the child from the Civic. The child was not breathing. The driver took her into the residence. She called 911 and the dispatcher walked her through CPR. She stated that the child had been in the car for six hours, ten feet away from where she was working, all day, and she did not know it. Emergency personnel arrived at her residence and took over the CPR effort. A

neighbor noted that the driver was crying at this point and not saying anything. The child was transported by ambulance with her mother to a second location where the child was transferred to a different ambulance for transport to a local hospital.

The child arrived at the hospital in cardiac arrest. CPR was continued for approximately one hour in which the child received fluids and medications. At 1631 hours, the child was pronounced dead.

Child Occupant Data

The 10-month-old subject child was 64 cm (25 in) tall and weighed 7 kg (15 lbs). At the time of the incident, the child was wearing green print denim shorts, a blue and white sleeveless shirt, pink socks, white tennis shoes, and a disposable diaper. Upon arrival at the emergency room, the attending physician indicated that the child's rectal core temperature was 42.0 C (107.7 F) degrees. The investigating police officer examined the child's body and noted the following: purple discoloration to the thighs, calves and feet; an abrasion over the mid-sternal area, and an area of peeled skin on the child's forehead (possibly due to sun exposure). An autopsy conducted by the county medical examiner concluded that the cause of death was heat stroke and severe dehydration. He also indicated that there were no obvious signs of recent or healed trauma from abuse. The following injuries were indicated in the report.

Injury	OIC Code	Injury Mechanism	Confidence Level
2nd degree burns to head, face, chest and upper extremities (< 10% of Total Body Surface (TBS))	992006.1,0	Severe exposure to solar heat	Certain
Contusion, scalp	190402.1,9	Unknown	Unknown

Attachment 1. Data Forms

Not Applicable ☐

Reset Values | Print Forms

U.S. Department of Transportation
National Highway Traffic Safety Administration

SCENE FORM

Special Crash Investigations
Not In Traffic Surveillance

1. Case Number

D S 0 7 0 3 3

IDENTIFICATION

2. Date of Crash 0 5 / X X / 0 7

3. Time of Crash 1 5 2 6

Code reported military time of crash.

NOTE: Midnight = 2400
Unknown = 9999

AMBIENT CONDITIONS

4. Light Conditions

- ◉ Daylight
- ☐ Dark
- ☐ Dark but lighted
- ☐ Dawn
- ☐ Dusk
- ☐ Unknown

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

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

SCENE INFORMATION

7. Type of area in which crash occurred
(*Select all that apply)*

- ☐ Single family residential
- ☐ Row houses/townhouses
- ☐ Multi family housing
- ◉ Commercial
- ☐ Industrial
- ☐ Rural
- ☐ Unknown

8. Driver exterior sightline obstructions
(*Select all that apply)*

- ☐ None
- ☐ Other vehicles
- ☐ Building
- ☐ Trees
- ☐ Shrubbery
- ☐ Other (specify)_____
- ☐ Utility poles
- ☐ Signs
- ☐ Glare
- ☐ Unknown
- ◉ No driver present

9. Crash location

- ☐ Driveway
- ◉ Parking Lot
- ☐ Sidewalk
- ☐ Alley
- ☐ Intersection of driveway and sidewalk
- ☐ Road / street
- ☐ Roadside / shoulder
- ☐ Other (specify)_____
- ☐ Unknown

10. Non motorist sightline obstructions
(*Select all that apply)*

- ◉ None
- ☐ Other vehicles
- ☐ Building
- ☐ Trees
- ☐ Shrubbery
- ☐ Utility poles
- ☐ Signs
- ☐ Glare
- ☐ Other (specify) _____
- ☐ Unknown

11. Grade at parked position + / - 9 9 9 %

12. Estimated distance from parked position to impact

9 9 9 . 9 m

13. Estimated speed at impact 0 0 0 kmph

14. Grade at impact +/ - 9 9 9 %

15. Estimated distance from impact to vehicle final rest

9 9 9 . 9 m

Unknown = 999 Reference Items 11,12, 13, 14, 15

Not Applicable ☐

Reset Values

U.S. Department of Transportation
National Highway Traffic Safety Administration

VEHICLE FORM

Special Crash Investigations
Not In Traffic Surveillance

1. Case Number D S 0 7 0 3 3

VEHICLE IDENTIFICATION

2. VIN 2 H G E S 1 6 5 0 4 H X X X X X X

3. Model Year 2 0 0 4

4. Vehicle Make (specify): HONDA

5. Vehicle Model (specify): CIVC LX FOUR DOOR

GLAZING

Location	Presence (check)	Status (select)	Clarity (select)	Tint (check)	Glazing Obstructions (specify if present)
Windshield	☑	☑ Fixed / ☐ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
LF	☑	☐ Fixed / ☑ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
RF	☑	☐ Fixed / ☑ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
2nd Left	☑	☐ Fixed / ☑ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
2nd Right	☑	☐ Fixed / ☑ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
3rd Left	☑	☑ Fixed / ☐ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
3rd Right	☑	☑ Fixed / ☐ Closed / ☐ Open / ☐ Partially Open / ☐ Unknown	☑ Clear / ☐ Hazy / ☐ Very Dirty / ☐ Unknown	☐	
Backlight	☑	☑ 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	☐	

TIRE DATA

6. Vehicle Manufacturer Recommended Tire Size UNKNOWN

7. LF Tire Size UNKNOWN

8. LR Tire Size UNKNOWN

9. RF Tire Size UNKNOWN

10. RR Tire Size UNKNOWN

Seats / Head Restraint Data

Seat Position	Seat Type (Select from below)	Head Restraint (Check if available)	Head Restraint Adjustment (select)
Front Left	1	☑	Full Down / Mid / Full Up
Front Middle	0	☐	Full Down / Mid / Full Up
Front Right	1	☑	Full Down / Mid / Full Up
2nd Left	4	☐	Full Down / Mid / Full Up
2nd Middle	4	☐	Full Down / Mid / Full Up
2nd Right	4	☐	Full Down / Mid / Full Up
3rd Left	0	☐	Full Down / Mid / Full Up
3rd Middle	0	☐	Full Down / Mid / Full Up
3rd Right	0	☐	Full Down / Mid / Full Up

NOTES:

Unknown if head restraint adjustable or integral. Covered by seat cover.

Seat Type codes:

0 = No seat or seat folded down
1 = Bucket
2 = Bucket w/ folding back
3 = Bench
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
8 = Pedestal (i.e. column supported)
9 = Box mounted (i.e. van type)
10= Other seat type (specify)
99= Unknown seat type

VEHICLE MEASUREMENTS

Clearance Heights		Measurements (all from ground, and in centimeters	NOTES
Beltline		N/A	
Top of trunk/tailgate		N/A	
Bottom of bumper		N/A	
Trailer hitch (if applicable)		N/A	
Undercarriage			
	Sway bar	N/A	
	Axle	N/A	
	Differential	N/A	
	Other (specify): _____	N/A	
Sensor Height (if equipped)		N/A	
Camera Height (if equipped)		N/A	

Not Applicable ☑

Undo Not Applicable

Reset Values

U.S. Department of Transportation
National Highway Traffic Safety Administration

Back Up / Parking Aid Form

Special Crash Investigations
Not In Traffic Surveillance

1. Case Number

D S 0 7 0 3 3

PARKING AID PRESENCE

2. Type of backing/parking aid present

- ☐ OEM camera
- ☐ OEM ultrasonic/radar sensor
- ☐ OEM combination camera-ultrasonic/radar sensor
- ☐ OEM Fresnel lens
- ☐ OEM interior mirrors
- ☐ Aftermarket camera
- ☐ Aftermarket ultrasonic/radar sensor
- ☐ Aftermarket combination camera-ultrasonic radar sensor
- ☐ Aftermarket Fresnel lens
- ☐ Aftermarket interior mirrors
- ☐ Other (specify): _____

CAMERA INFORMATION

Specify field of view measurements on diagram

3. System make/model

_____

4. Video monitor type

- ☐ None present
- ☐ LCD (color)
- ☐ CRT (black & white)
- ☐ Unknown

5. Video display size _____ cm
(Diagonal)

6. Camera location

- ☐ None present
- ☐ Bumper
- ☐ License plate
- ☐ Tailgate/Hatch/Trunk
- ☐ Other (specify): _____

7. Video image quality under scene lighting conditions

- ☐ None present
- ☐ Good
- ☐ Average
- ☐ Poor (specify): _____
- ☐ Unknown

8. Was the camera functioning properly

- ☐ 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

9. System make/model

_____

10. Auditory warning illumination

- ☐ No sensor present
- ☐ Yes
- ☐ No
- ☐ Unknown

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
- ☐ Unknown

14. Did driver react to warning

- ☐ No sensor present
- ☐ Yes
- ☐ No
- ☐ Unknown

15. Did driver report common false warnings

- ☐ No sensor present
- ☐ Yes
- ☐ No
- ☐ Unknown

Not Applicable

No Driver Present ✔

Undo Not Applicable

Reset Values

U.S. Department of Transportation
National Highway Traffic Safety Administration

DRIVER FORM

Special Crash Investigations
Not In Traffic Surveillance

1. Case Number

D S 0 7 0 3 3

DRIVER PROFILE

2. Driver's Age ____ ____
   99 = Unknown
3. Driver's Sex
   - ☐ Male
   - ☐ Female
   - ☐ Unknown
4. Driver's Height ____ ____ ____ cm
   999 = Unknown
5. Driver's Weight ____ ____ ____ kg
   999 = Unknown
6. Driver eyewear worn
   (Select all that apply)
   - ☐ None
   - ☐ Eyeglasses
   - ☐ Sunglasses
   - ☐ Contacts
   - ☐ Unknown
7. Driver vision deficiency condition
   (Select all that apply)
   - ☐ None
   - ☐ Near sighted
   - ☐ Far sighted
   - ☐ Astigmatism
   - ☐ Other (specify) _____
   - ☐ Unknown
8. Non motorist's relationship to driver
   - ☐ No relationship
   - ☐ Child
   - ☐ Grandchild
   - ☐ Sibling
   - ☐ Neighbor
   - ☐ Friend
   - ☐ Other (specify): _____
   - ☐ Unknown

DRIVER ACTIONS

9. Driver approach to vehicle for entry
   - ☐ From left front
   - ☐ From left
   - ☐ From left rear
   - ☐ From right rear
   - ☐ From right front
   - ☐ Circled vehicle
   - ☐ Return trip (backing into driveway/lot)
   - ☐ Other (specify): _____
   - ☐ N/A
   - ☐ Unknown
10. Driver entry interruption
    (Select all that apply)
    - ☐ Direct trip from building to vehicle
    - ☐ Loaded items into vehicle
    - ☐ Spoke with family
    - ☐ Spoke with neighbors
    - ☐ Spoke with contacted nonmotorist
    - ☐ Return trip (backing into driveway/lot)
    - ☐ Other (specify): _____
    - ☐ N/A
    - ☐ Unknown
11. Purpose of backing
    - ☐ Leaving parking space in parking lot
    - ☐ Backing onto roadway from driveway
    - ☐ Entering parking space in parking lot
    - ☐ Backing into driveway from roadway
    - ☐ Other (specify): _____
    - ☐ N/A
    - ☐ Unknown
12. Where was driver going
    Description:

    _____

    _____
13. Driver in a hurry
    - ☐ Yes
    - ☐ No
    - ☐ N/A
    - ☐ Unknown

Not Applicable

14. How did driver check behind (rear area of vehicle) after vehicle entry
    (Select all that apply)
    - ☐ Did not look
    - ☐ Checked mirrors
    - ☐ Turned right and looked back
    - ☐ Turned left and looked back
    - ☐ Viewed Camera
    - ☐ Listened for auditory/visual warning from system
    - ☐ Other (specify): _____
    - ☐ N/A
    - ☐ Unknown
15. Estimated time between vehicle entry and start of backing
    - ☐ 0-10 Seconds
    - ☐ 11-30 Seconds
    - ◉ 31-60 Seconds
    - ☐ Over 60 Seconds
    - ☐ N/A
    - ☐ Unknown

16. What direction was the driver looking during backing maneuver
(Select all that apply)

- ☐ Straight ahead
- ☐ Right
- ☐ Left
- ☐ Rearward
- ☐ At object inside the car
- ☐ At mirrors
- ☐ Other (specify): _____
- ☐ N/A
- ☐ Unknown

17. Was the driver distracted during back up maneuver
(Select all that apply)

- ☐ No non-driving activities

External

- ☐ Looking at other vehicles
- ☐ Looking at other non motorist
- ☐ Looking at intended turn destination
- ☐ External focus, not specified
- ☐ Other external focus (specify): _____

Internal

- ☐ Looking at other occupant
- ☐ Talking to passenger
- ☐ Dialing phone
- ☐ Talking on phone
- ☐ Listening to radio/cd/portable playback device
- ☐ Adjusting radio/cd player
- ☐ Adjusting climate controls
- ☐ Using a device/controls integral to vehicle (specify): _____
- ☐ Reading/adjusting navigation system
- ☐ Eating or drinking
- ☐ Smoking related
- ☐ Retrieving fallen object (specify): _____
- ☐ Internal focus, not specified
- ☐ Focused on other internal object (specify): _____
- ☐ N/A
- ☐ Unknown

18. Driver avoidance actions prior to impact
(Select all that apply)

- ☐ None
- ☐ Braking
- ☐ Steering left
- ☐ Steering right
- ☐ Accelerating
- ☐ Other (specify): _____
- ☐ N/A
- ☐ Unknown

19. Did driver see struck non motorist prior to impact
(Select all that apply)

- ☐ No, never saw non motorist
- ☐ 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

21. Driver interior sightline obstructions
(Select all that apply)

- ☐ Pillar
- ☐ Headrest
- ☐ Cargo
- ☐ Other occupant
- ☐ Other (specify) _____
- ☐ Unknown
- ☐ None

22. Recent experience driving this vehicle

- ☐ 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 months
- ☐ First time driving this vehicle
- ☐ N/A
- ☐ Unknown

23. Frequency of driving in this parking lot/driveway

- ☐ Daily
- ☐ Weekly
- ☐ Several times a month
- ☐ Monthly
- ☐ Rarely
- ☐ First time in lot/driveway
- ☐ N/A ☐ Unknown

24. Driver Impairment
(Select all that apply)

- ☐ No drugs or alcohol present
- ☐ Alcohol present (specify BAC): _____
- ☐ Drugs present (specify):_____
- ☐ Unknown

25. Source of alcohol/drug results

- ☐ Police reported
- ☐ Medical record
- ☐ Other (specify)_____
- ☐ Not Tested
- ☐ Unknown if tested

Not Applicable ☐

U.S. Department of Transportation
National Highway Traffic Safety Administration

Non Motorist Form

Reset Values

Special Crash Investigations
Not In Traffic Surveillance

1. Case Number
D S 0 7 0 3 3

NON-MOTORIST PROFILE

2. Non-motorist's Age — 1 0 ◉ Months ☐ Years
99 = Unknown

3. Non-motorist's Sex
☐ Male
◉ Female
☐ Unknown

4. Non-motorist's Height — 0 6 4 cm
999 = Unknown

5. Non-motorist's Weight — 0 0 7 kg
999 = Unknown

6. Medical outcome

☐ Not injured
☐ ER only
☐ Hospitalized 1-4 days
☐ Hospitalized 5 days or more
☐ Treatment later
◉ Fatal
☐ Unknown

7. Source of most severe injury
☐ Bumper
☐ Tire
☐ Undercarriage
☐ Other Specify:_____
☐ Ground
◉ N/A
☐ Unknown

8. Non-motorist impairment
(Select all that apply)
◉ No drugs or alcohol present
☐ Positive for alcohol (specify BAC): _____
☐ Positive for drugs (specify): _____
☐ Unknown

9. Source of alcohol/drug results
◉ Police reported
☐ Medical Report
☐ Other (specify) _____
☐ Not Tested
☐ Unknown if tested

NON-MOTORIST ACTIONS

10. Non-motorist attitude

☐ Standing
☐ Bending at waist
☐ Sitting
☐ Crouching
☐ Kneeling
☐ On skates/skateboard
☐ On bike/scooter
◉ Other (specify) in css
☐ Unknown

11. Non-motorist motion

◉ 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 behind
◉ Other (specify): N/A
☐ Unknown

13. Non-motorist first avoidance action

◉ No avoidance actions
☐ 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): _____
☐ 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) _____
◉ Unknown

15. Were any other Non-motorists present?
(Select all that apply)

◉ Alone
☐ One adult present
☐ One other child present
☐ Multiple adults present
☐ Multiple children present
☐ Unknown

NON MOTORIST CLOTHING

NOTES:

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

Colors		***Fabrics***	***Textures***	***Weights***
Black	Charcoal gray	Natural	Soft	Heavy
Lt gray/silver	Brown	Synthetic	Slick	Medium
Gold/tan	Purple	Blend	Coarse	Light
Dark blue	Light blue			
Dark green	Light green			
Maroon	Red			
Orange	Yellow			
White	Other (specify)			
Pink				

	Clothing	Color	Fabric	Texture	Weight
HEADWEAR	Hat	None			
	Helmet	None			
	Hood	None			
	Other (specify): _____	None			
UPPER BODY	Short Sleeve	Other (specify)blue whit	Unknown	Soft	Light
	Long Sleeve	None			
	Light Jacket	None			
	Heavy Jacket	None			
	Other (Specify): _____	None			
LOWER BODY	Shorts	Light green	Natural	Soft	Unknown
	Pants	None			
	Shoes	White	Unknown	Unknown	Unknown
	Other (specify): _____	None			