



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123



## PEDESTRIAN CASE SUMMARY

PSU 40 CASE NO. 630 P TYPE OF ACCIDENT CAR/PEDESTRIAN AT ROAD EDGE  
CC

### A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Pedestrian injury mechanism and vehicle interaction is the focus, not pedestrian or driver culpability. Do not include any personal identifiers.) VEHICLE #1 WAS TRAVELING WEST. VEHICLE #2 WAS TRAVELING NORTH. VEHICLES 1 AND 2 COLLIDED IN MIDDLE OF INTERSECTION. VEHICLE #1 STRUCK VEHICLE #2 IN THE RIGHT SIDE PUSHING VEHICLE #2 ONTO THE SIDEWALK WHERE PEDESTRIAN WAS STANDING APPARENTLY WAITING TO CROSS THE STREET. VEHICLE #2 STRUCK PEDESTRIAN WITH THE RIGHT FRONT OF VEHICLE CAUSING PEDESTRIAN TO SLIDE UP ONTO THE HOOD AND CRASHING INTO THE WINDSHIELD AND LANDING ON SIDEWALK IN FRONT OF VEHICLE #2. VEHICLE #2 CAME TO FINAL REST AGAINST A TREE MAKING CONTACT WITH THE LEFT SIDE. VEHICLE #1 CAME TO FINAL REST ON NORTH BOUND STREET. PEDESTRIAN WAS TRANSPORTED TO MEDICAL CENTER

### B. PEDESTRIAN PROFILE

Pedestrian No.	Age	Sex	Treatment/Mortality	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)			
				Body Region	Ana. Struc.	AIS	Injury Source
01	93	1	3	Thorax	Skeletal	2	Hood Surface

#### Body Region

Head  
Face  
Throat  
Chest  
Abdomen/Pelvis  
Spine  
Upper Extremity  
Lower Extremity  
External

#### Type of Anatomic Structure

Whole Area  
Vessels  
Nerves  
Organs  
Skeletal  
Head-LOC  
Skin-Burn  
Skin-Other

#### Abbreviated Injury Scale

(1) Minor injury  
(2) Moderate injury  
(3) Serious injury  
(4) Severe injury  
(5) Critical injury  
(6) Maximum (untreatable)  
(7) Injured, unknown severity

### C. VEHICLE PROFILE

Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage Based on Vehicle Inspection	
			Damage Plane	Damage Description
01	COMPACT	92 ACURA INTEGRA RS	FRONT	MODERATE

DO NOT SANITIZE THIS FORM

## ► ACCIDENT

### Driver hits man, both sent to hospital

Two men were in intensive care night at Medical Center after one man ran a stop sign at Street and hospital and police officials said. Police

said of who was eating a cheeseburger at the time of the crash, was heading north when he ran a stop sign and was hit by a westbound car driven by of

at 3:37 p.m. was listed in stable condition with inter-cranial hemorrhaging, a hospital spokesperson said night.

car then went up onto the northwest curb and hit of

Witnesses said was thrown into the air from the impact, said.

was listed in very serious condition with multiple head and chest wounds, a hospital spokesperson said.

said was choking on the cheeseburger when he arrived at the scene.

is charged with failing to stop at a stop sign and not wearing a seat belt.

was not injured, and was not charged.

## Victim of accident dies

— A man hit by a car a month ago died early in Medical Center.

of suffered head, chest and leg injuries when he was struck by a car involved in a two-car crash shortly after 3:30 p.m. at said.

of the driver of the car, apparently was eating while driving north on He ran a stop sign and was hit broadside by a car driven by

The car then jumped a curb and hit who was standing on the block of police said. admitted to the hospital in serious condition, has been discharged. He was charged with stop sign and seat belt violations, said. was not injured.

— a native of who owned his own floor-covering shop for many years, died day in

Medical Center. He died of injuries suffered when struck by a automobile on at and

was was born in and came to in He had lived on with his nephew,

owned and operated on for 35 years, retiring in

He was a member of Church and the church's He also was the oldest active usher at

was predeceased by his wife, the former A Mass of Christian Burial will be offered at 9:30 a.m. in Church, following prayers at in Funeral Home, Burial will be in



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

# ACCIDENT COLLISION DIAGRAM

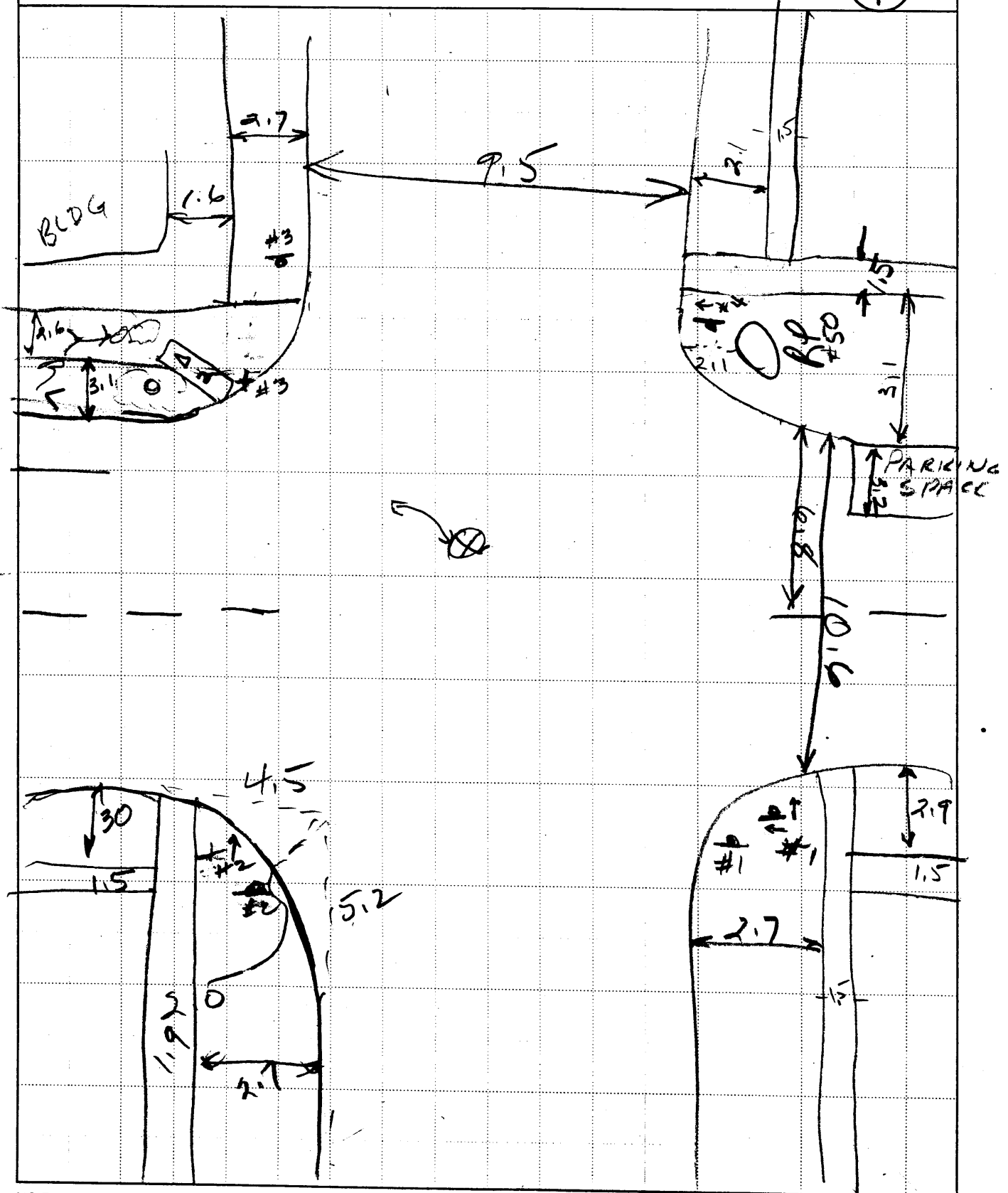
BEST AVAILABLE

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

PSU No. 40

Case Number—Stratum 630P bccp

Indicate  
North



Done

98



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

# ACCIDENT COLLISION DIAGRAM

BEST AVAILABLE

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

PSU No. 40

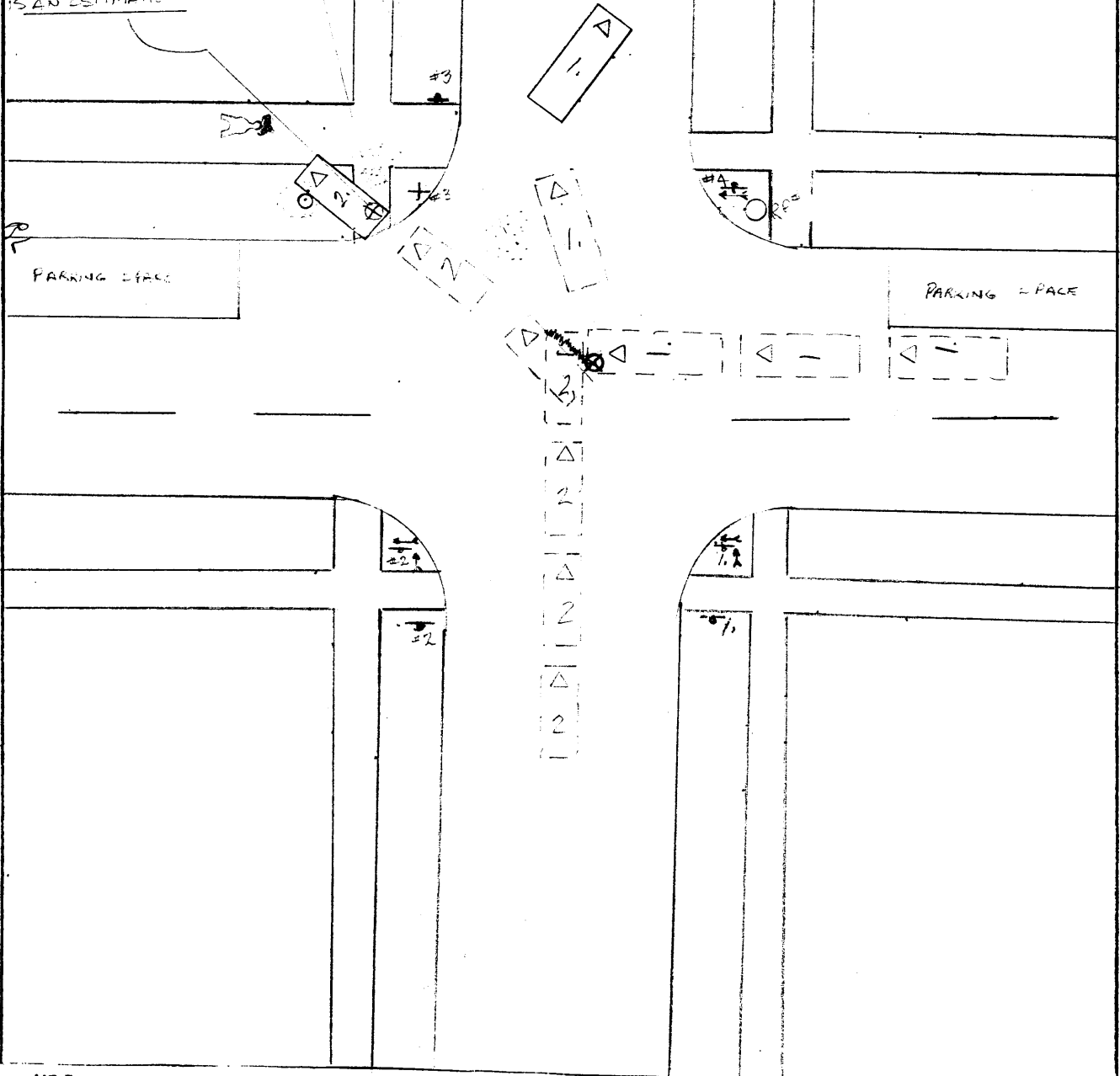
Case Number—Stratum 630P  
CC

Indicate  
North



GLASS DEBRIS  
FROM  
VEHICLE #2

POI OF PED BASED  
ON EVIDENCE TAKEN  
FROM VEHICLE AND  
ITS FINAL REST. THIS  
IS AN ESTIMATION.



# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

Primary Sampling Unit Number 40

Case Number-Stratum 6 30 P

PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION		SCALED DIAGRAM
<ul style="list-style-type: none"> <li>document reference point and reference line relative to physical features</li> </ul>	Surface Type _____	<ul style="list-style-type: none"> <li>north arrow placed on diagram</li> </ul>
<ul style="list-style-type: none"> <li>documentation of all accident induced physical evidence including (if applicable):               <ul style="list-style-type: none"> <li>a) vehicle skid marks</li> <li>b) pedestrian contacts with ground or object</li> <li>c) vehicle/pedestrian point of impact (POI)</li> <li>d) location of pedestrian separation point from vehicle</li> <li>f) final resting points (FRP) for pedestrian and vehicle</li> </ul> </li> </ul>	Surface Condition _____  Coefficient of Friction _____  Grade (v/h) Measurement a) at impact _____ b) between impact and final rest _____	<ul style="list-style-type: none"> <li>grade measurements for all applicable roadways</li> <li>scaled representations of the physical plant including:               <ul style="list-style-type: none"> <li>a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)</li> <li>b) all traffic controls (e.g., lights, signs)</li> </ul> </li> <li>scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either:               <ul style="list-style-type: none"> <li>a) physical evidence, or</li> <li>b) reconstructed accident dynamics</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>documentation of the physical plant including:               <ul style="list-style-type: none"> <li>a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)</li> <li>b) all traffic controls (e.g., lights, signs)</li> </ul> </li> </ul>	Pedestrian Travel Direction _____  Vehicle Travel Direction _____  Number of Travel Lanes _____	

Reference Point: POLE

Reference Line: NORTH CURBLINE

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
RP	0.0	1.5 N
STOP SIGN #1	1.4 W	15.0 S
2	12.7 W	15.8 S
3	12.3 W	5.8 N
ONE WAY SIGN #1	0.5 W	12.3 S
2	13.6 W	12.6 S
3	13.2 W	2.0 N
4	0.5 W	2.4 N
TREE	17.8 W	1.6 N
FRP PED + BLOOD	19.8 W	4.6 N
POI CAR TO CAR	6.4 W	4.8 S

[illegible]



# PEDESTRIAN ACCIDENT FORM

NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

40

2. Case Number - Stratum

6 30 P  
CC

## IDENTIFICATION

3. Number of General Vehicle  
Forms Submitted

0 1

4. Date of Accident  
(Month, Day, Year)

1 9 8

5. Time of Accident

1537

Code reported military time of accident.

NOTE: Midnight = 2400  
Unknown = 9999

## SPECIAL STUDIES - INDICATORS

Check (✓) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6.    SS15 Administrative Use 0

7. ✓ SS16 Pedestrian Crash Data Study 1

8.    SS17 Impact Fires 0

9.    SS18    0

10.    SS19    0

## NUMBER OF EVENTS

11. Number of Recorded Events  
in This Accident

0 1

## PEDESTRIAN STUDY CRITERIA

### Pedestrian Definition:

Any person who is on a trafficway or on a sidewalk or path contiguous with a trafficway, or on private property (e.g., parking lot). Note: Pedestrians include persons who are in contact with the ground, roadway, etc. and are pushing carts, wagons, etc. or holding on to a vehicle.

Persons in or on a nonmotorist conveyance are not pedestrians and are excluded from this study. A nonmotorist conveyance is defined as any human powered device by which a nonmotorist may move, or by which a pedestrian or nonmotorist may move another nonmotorist. A nonmotorist conveyance for purposes of this study includes the following: bicycles, baby carriages, roller skates/blades, push carts, scooters, wheelchairs, animals, etc. For example, persons on a bicycle/scooter, roller skating/blading, in a baby carriage/push cart/wheelchair or on a horse are excluded.

### Case Selection Criteria:

A forward moving, late model year (VEH04 equals 90 to 95) CDS applicable vehicle (VEH07 equals 01 to 49) must strike a pedestrian.

The striking portion of the vehicle structure must be original equipment manufacturer (OEM) without previous damage and or parts removed in the impact area. For example, vehicles equipped with deer guards, winches, snow plows, etc. or previously damaged in the impact area are excluded.

The pedestrian may not be lying or sitting.

The pedestrian impact(s) are the vehicle's only impact(s). If multiple pedestrians are impacted, each pedestrian shall be a separate case.

The first point of contact between the late model year, CDS applicable vehicle and the pedestrian must be forward of the top of the A pillar.

## PEDESTRIAN ACCIDENT EVENTS

Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. <u>0</u> <u>1</u>	13. <u>0</u> <u>1</u>	14. <u>0</u> <u>2</u>	15. <u>F</u>	16. <u>7</u> <u>2</u>	17. <u>0</u> <u>0</u>	18. <u>0</u>

### CODES FOR CLASS OF VEHICLE

- (00) Not a motor vehicle
- (01) Subcompact/mini (wheelbase < 254 cm)
- (02) Compact (wheelbase ≥ 254 but < 265 cm)
- (03) Intermediate (wheelbase ≥ 265 but < 278 cm)
- (04) Full size (wheelbase ≥ 278 but < 291 cm)
- (05) Largest (wheelbase ≥ 291 cm)
- (09) Unknown passenger car size
- (11) Compact utility vehicle
- (12) Large utility vehicle (≤ 4,500 kgs GVWR)
- (13) Passenger van (≤ 4,500 kgs GVWR)
- (14) Other van (≤ 4,500 kgs GVWR)
- (15) Pickup truck (≤ 4,500 kgs GVWR)
- (18) Other truck (≤ 4,500 kgs GVWR)
- (19) Unknown light truck type

### CODES FOR GENERAL AREA OF DAMAGE (GAD)

#### CDS APPLICABLE VEHICLES

- (F) Front
- (R) Right side
- (L) Left side
- (U) Undercarriage
- (9) Unknown

### CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED

Collision with Nonfixed Object

- (72) Pedestrian



PEDESTRIAN GENERAL VEHICLE FORM NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number 40

2. Case Number - Stratum 6 30 P

3. Vehicle Number 0 1

VEHICLE IDENTIFICATION

4. Vehicle Model Year 92

Code the last two digits of the model year  
(99) Unknown

5. Vehicle Make (specify): 54

ACURA  
Applicable codes are found in your  
NASS PCDS Data Collection, Coding and  
Editing Manual.  
(99) Unknown

6. Vehicle Model (specify): 031

INTEGRA RS  
Applicable codes are found in your  
NASS PCDS Data Collection, Coding and  
Editing Manual.  
(99) Unknown

7. Body Type 03

Note: Applicable codes may be found on  
the back of this page.

8. Vehicle Identification Number

JH4DA9349NS  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

Left justify; Slash zeros and letter Z (0 and Z)  
No VIN—Code all zeros  
Unknown—Code all nines

OFFICIAL RECORDS

9. Police Reported Travel Speed 999

Code to the nearest kmph (NOTE: 000 means  
less than 0.5 kmph)  
(160) 159.5 kmph and above  
(999) Unknown

\_\_\_ mph X 1.6093 = \_\_\_ kmph

10. Speed Limit 048

(000) No statutory limit  
Code posted or statutory speed limit  
in kmph  
(999) Unknown

30 mph X 1.6093 = 48 kmph

11. Police Reported Alcohol Presence For Driver 7

(0) No alcohol present  
(1) Yes alcohol present  
(7) Not reported  
(8) No driver present  
(9) Unknown

12. Alcohol Test Result For Driver 96

Code actual value (decimal implied  
before first digit—0.xx)  
(95) Test refused  
(96) None given  
(97) AC (Alcohol Content) test  
performed, results unknown  
(98) No driver present  
(99) Unknown

Source: \_\_\_\_\_

13. Police Reported Other Drug Presence  
For Driver 0

(0) No other drug(s) present  
(1) Yes other drug(s) present  
(7) Not reported  
(8) No driver present  
(9) Unknown

14. Other Drug Specimen Test Result  
For Driver 0

(0) No specimen test given  
(1) Drug not found in specimen  
(2) Drug found in specimen  
(specify): \_\_\_\_\_  
(3) Specimen test given, results  
unknown or not obtained  
(8) No driver present  
(9) Unknown

# CODES FOR BODY TYPE

## CDS APPLICABLE VEHICLES

### Automobiles

- (01) Convertible (excludes sun-roof, t-bar)
- (02) 2-door sedan, hardtop, coupe
- (03) 3-door/2-door hatchback
- (04) 4-door sedan, hardtop
- (05) 5-door/4-door hatchback
- (06) Station wagon (excluding van and truck based)
- (07) Hatchback, number of doors unknown
- (08) Other automobile type (specify):

- (09) Unknown automobile type

### Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit pickup)
- (11) Auto based panel (cargo station wagon, auto based ambulance/hearse)
- (12) Large limousine - more than four side doors or stretched chassis
- (13) Three-wheel automobile or automobile derivative

### Utility Vehicles ( $\leq 4,500$ kgs GVWR)

- (14) Compact utility (Jeep CJ-2 - CJ-7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [84 and after], Dispatcher, Raider, Bronco II, Bronco [76 and before], Explorer, S-10 Blazer, Geo Tracker, Bravada, S-15 Jimmy, Thing, Pathfinder, Trooper, Trooper II, Rodeo, Amigo, Navajo, 4-Runner, Montero, Samurai, Sidekick, Rocky)
- (15) Large utility (includes Jeep Cherokee [83 and before], Ramcharger, Trailduster, Bronco-fullsize [78 and after], fullsize Blazer, fullsize Jimmy, Landcruiser, Rover, Scout)
- (16) Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
- (19) Utility, unknown body type

### Van Based Light Trucks ( $\leq 4,500$ kgs GVWR)

- (20) Minivan (Chrysler Town and Country, Caravan, Grand Caravan, Voyager, Grand Voyager, Mini-Ram, Dodge/Plymouth Vista, Aerostar, Villager, Lumina APV, Trans Sport, Silhouette, Astro, Safari, Toyota Van, Toyota Minivan, Previa, Nissan Minivan, Quest, Mitsubishi Minivan, Vanagon/Camper.)
- (21) Large van (B150-B350, Sportsman, Royal, Maxiwagon, Ram, Tradesman, Voyager [83 and before], E150-E350, Econoline, Clubwagon, Chateau, G10-G30, Chevy Van, Beauville, Sport Van, G15-G35, Rally Van, Vandura.)
- (22) Step van or walk-in van ( $\leq 4,500$  kgs GVWR)
- (23) Van based motorhome ( $\leq 4,500$  kgs GVWR)
- (24) Van based school bus ( $\leq 4,500$  kgs GVWR)
- (25) Van based other bus ( $\leq 4,500$  kgs GVWR)
- (28) Other van type (Hi-Cube Van, Kary) (specify):

- (29) Unknown van type

### Light Conventional Trucks (Pickup style cab, $\leq 4,500$ kgs GVWR)

- (30) Compact pickup (D50, Colt P/U, Ram 50, Dakota, Arrow Pickup [foreign], Ranger, Courier, S-10, T-10, LUV, S-15, T-15, Sonoma, Datsun/Nissan Pickup, P'up, Mazda Pickup, Toyota Pickup, Mitsubishi Pickup)
- (31) Large Pickup (Jeep Pickup, Comanche, Ram Pickup, D100-D350, W100-W350, F100-F350, C10-C35, K10-K35, R10-R35, V10-V35, Silverado, Sierra, R100-R500,)

- (32) Pickup with slide-in camper
- (33) Convertible pickup
- (39) Unknown pickup style light conventional truck type

### Other Light Trucks ( $\leq 4,500$ kgs GVWR)

- (40) Cab chassis based (includes rescue vehicles, light stake, dump, and tow truck)
- (41) Truck based panel
- (42) Light truck based motorhome (chassis mounted)
- (45) Other light conventional truck type
- (48) Unknown light truck type
- (49) Unknown light vehicle type (automobile, utility, van, or light truck)

## OTHER VEHICLES

### Buses (Excludes Van Based)

- (50) School bus (designed to carry students, not cross country or transit)
- (58) Other bus type (e.g., transit, intercity, bus based motorhome) (specify):
- (59) Unknown bus type

### Medium/Heavy Trucks ( $> 4,500$ kgs GVWR)

- (60) Step van ( $> 4,500$  kgs GVWR)
- (61) Single unit straight truck ( $4,500$  kgs  $<$  GVWR  $\leq 8,850$  kgs)
- (62) Single unit straight truck ( $8,850$  kgs  $<$  GVWR  $\leq 12,000$  kgs)
- (63) Single unit straight truck ( $> 12,000$  kgs GVWR)
- (64) Single unit straight truck, GVWR unknown
- (65) Medium/heavy truck based motorhome
- (67) Truck-tractor with no cargo trailer
- (68) Truck-tractor pulling one trailer
- (69) Truck-tractor pulling two or more trailers
- (70) Truck-tractor (unknown if pulling trailer)
- (78) Unknown medium/heavy truck type
- (79) Unknown truck type (light/medium/heavy)

### Motored Cycles (Does Not Include All-Terrain Vehicles/Cycles)

- (80) Motorcycle
- (81) Moped (motorized bicycle)
- (82) Three-wheel motorcycle or moped
- (88) Other motored cycle (minibike, motorscooter) (specify):
- (89) Unknown motored cycle type

### Other Vehicles

- (90) ATV (All-Terrain Vehicle) and ATC (All-Terrain Cycle)
- (91) Snowmobile
- (92) Farm equipment other than trucks
- (93) Construction equipment other than trucks
- (97) Other vehicle type
- (99) Unknown body type

## VEHICLE WEIGHT ITEMS

15. Vehicle Curb Weight 1.14 0Code weight to nearest  
10 kilograms.

(045) Less than 450 kilograms

(610) 6,100 kilograms or more

(999) Unknown

2510.2 lbs X .4536 = 1141 kgs

Source: \_\_\_\_\_

16. Vehicle Cargo Weight 9.99 0Code weight to nearest  
10 kilograms.

(000) Less than 5 kilograms

(450) 4,500 kilograms or more

(999) Unknown

\_\_\_\_\_ lbs X .4536 = \_\_\_\_\_ kgs

## OTHER DATA

17. Vehicle Special Use (This Trip) 0

(0) No special use

(1) Taxi

(2) Vehicle used as school bus

(3) Vehicle used as other bus

(4) Military

(5) Police

(6) Ambulance

(7) Fire truck or car

(8) Other (specify): \_\_\_\_\_

(9) Unknown

STOP - VARIABLES 18 THROUGH 20  
ARE COMPLETED BY THE ZONE CENTER

## RECONSTRUCTION DATA

18. Impact Speed

+ 999

\_\_\_\_\_ Nearest kmph

(NOTE: 000 means greater than .5 kmph)

(160) 159.5 kmph and above

(999) Unknown

19. Accuracy Range of Impact Speed Estimate 9

(0) No reconstruction

(1) Less than 2 kmph

(2)  $\geq 2$  kmph and  $\leq 8$  kmph(3)  $\geq 9$  kmph and  $\leq 16$  kmph(4)  $\geq 17$  kmph and  $\leq 26$  kmph

(9) Unknown

20. Data Source of Impact Speed 0

(0) No impact speed calculated

(1) Zone center calculation

(2) Police calculation

(3) Driver/witness/police estimates

## PRECRASH DATA

21. Driver's Attention to Driving 0

(Prior to Recognition of Critical Event)

(1) Full attention to driving

(2) Distracted by other occupant

(3) Distracted by moving object in vehicle

(4) Distracted by outside person, object, or event

(5) Talking on cellular phone or CB radio

Specify: \_\_\_\_\_

(6) Sleeping or dozing while driving

(8) Other (specify): HIT BY ANOTHER VEHICLE

(9) Unknown

22. Pre-Event Vehicle Movement 01

(Prior to Recognition of Critical Event)

(01) Going straight

(02) Slowing or stopping in traffic lane

(03) Starting in traffic lane

(04) Stopped in traffic lane

(05) Passing or overtaking another vehicle

(06) Disabled or parked in travel lane

(07) Leaving a parking position

(08) Entering a parking position

(09) Turning right

(10) Turning left

(11) Making a U-turn

(12) Backing up (other than for parking position)

(13) Negotiating a curve

(14) Changing lanes

(15) Merging

(16) Successful avoidance maneuver to a previous critical event

(97) Other (specify): \_\_\_\_\_

(98) No driver present

(99) Unknown

- 23 Critical Precrash Event 81  
08  
*This Vehicle Loss of Control Due To:*  
 (01) Blow out or flat tire  
 (02) Stalled engine  
 (03) Disabling vehicle failure (e.g., wheel fell off)  
     (specify): \_\_\_\_\_  
 (04) Non-disabling vehicle problem (e.g., hood flew up) (specify): \_\_\_\_\_  
 (05) Poor road conditions (puddle, pot hole, ice, etc.)  
     (specify): \_\_\_\_\_  
 (06) Traveling too fast for conditions  
 (08) Other cause of control loss (specify):  
     Previously hit by another vehicle.  
 (09) Unknown cause of control loss

*This Vehicle Traveling*

- (10) Over the lane line on left side of travel lane  
 (11) Over the lane line on right side of travel lane  
 (12) Off the edge of the road on the left side  
 (13) Off the edge of the road on the right side  
 (14) End departure  
 (15) Turning left at intersection  
 (16) Turning right at intersection  
 (17) Crossing over (passing through) intersection  
 (19) Unknown travel direction

*Other Motor Vehicle In Lane*

- (50) Stopped  
 (51) Traveling in same direction with lower speed  
     (i.e., lower steady speed or decelerating)  
 (52) Traveling in same direction with higher speed  
 (53) Traveling in opposite direction  
 (54) In crossover  
 (55) Backing  
 (59) Unknown travel direction of other motor vehicle  
     in lane

*Other Motor Vehicle Encroaching Into Lane*

- (60) From adjacent lane (same direction)—over left  
     lane line  
 (61) From adjacent lane (same direction)—over right  
     lane line  
 (62) From opposite direction—over left lane line  
 (63) From opposite direction—over right lane line  
 (64) From parking lane  
 (65) From crossing street, turning into same direction  
 (66) From crossing street, across path  
 (67) From crossing street, turning into opposite  
     direction  
 (68) From crossing street, intended path not known  
 (70) From driveway, turning into same direction  
 (71) From driveway, across path  
 (72) From driveway, turning into opposite direction  
 (73) From driveway, intended path not known  
 (74) From entrance to limited access highway  
 (78) Encroachment by other vehicle—details  
     unknown

*Pedestrian or Pedalcyclist, or Other Nonmotorist*

- (80) Pedestrian in roadway  
 (81) Pedestrian approaching roadway  
 (82) Pedestrian—unknown location

- (83) Pedalcyclist or other nonmotorist in roadway  
     (specify): \_\_\_\_\_  
 (84) Pedalcyclist or other nonmotorist approaching  
     roadway (specify): \_\_\_\_\_  
 (85) Pedalcyclist or other nonmotorist—unknown  
     location (specify): \_\_\_\_\_

*Object or Animal*

- (87) Animal in roadway  
 (88) Animal approaching roadway  
 (89) Animal—unknown location  
 (90) Object in roadway  
 (91) Object approaching roadway  
 (92) Object—unknown location  
 (98) Other critical precrash event (specify): \_\_\_\_\_

- (99) Unknown

24. Attempted Avoidance Maneuver 99

- (00) No driver present  
 (01) No avoidance actions  
 (02) Braking (no lockup)  
 (03) Braking (lockup)  
 (04) Braking (lockup unknown)  
 (05) Releasing brakes  
 (06) Steering left  
 (07) Steering right  
 (08) Braking and steering left  
 (09) Braking and steering right  
 (10) Accelerating  
 (11) Accelerating and steering left  
 (12) Accelerating and steering right  
 (98) Other action (specify): \_\_\_\_\_  
 (99) Unknown

25. Precrash Stability After Avoidance Maneuver 90

- (0) No driver present  
 (1) No avoidance maneuver  
 (2) Tracking  
 (3) Skidding longitudinally—rotation less than 30  
     degrees  
 (4) Skidding laterally—clockwise rotation  
 (5) Skidding laterally—counterclockwise rotation  
 (8) Other vehicle loss-of-control (specify): \_\_\_\_\_

- (9) Precrash stability unknown

26. Precrash Directional Consequences of  
Avoidance Maneuver (Corrective Action) 90

- (0) No driver present  
 (1) No avoidance maneuver  
 (2) Vehicle stayed in travel lane where avoidance  
     maneuver was initiated  
 (3) Vehicle stayed on roadway but left travel lane  
     where avoidance maneuver was initiated  
 (4) Vehicle stayed on roadway, not known if left  
     travel lane where avoidance maneuver was  
     initiated  
 (5) Vehicle departed roadway  
 (6) Avoidance maneuver initiated off roadway  
 (9) Directional consequences unknown

## ENVIRONMENTAL DATA

27. Relation to Junction 2

- (0) Non-junction
- (1) Interchange area

*Non-Interchange*

- (2) Intersection
- (3) Intersection-related
- (4) Drive, alley access related
- (5) Other non-interchange (specify):

- (6) Unknown type of non-interchange
- (9) Unknown if interchange

28. Trafficway Flow 4

- (1) Not physically divided (two way traffic)
- (2) Divided trafficway - median strip without positive barrier
- (3) Divided trafficway - median strip with positive barrier
- (4) One way trafficway
- (9) Unknown

29. Number of Travel Lanes 2

- (1) One
- (2) Two
- (3) Three
- (4) Four
- (5) Five
- (6) Six
- (7) Seven or more
- (9) Unknown

30. Roadway Alignment 1

- (1) Straight
- (2) Curve right
- (3) Curve left
- (9) Unknown

31. Roadway Profile 1

- (1) Level
- (2) Uphill Grade (> 2%)
- (3) Downhill Grade (> 2%)
- (4) Hillcrest
- (5) Sag
- (9) Unknown

32. Roadway Surface Type 2

- (1) Concrete
- (2) Bituminous (asphalt)
- (3) Brick or Block
- (4) Slag, gravel or stone
- (5) Dirt
- (8) Other (specify):
- (9) Unknown

33. Roadway Surface Condition 1

- (1) Dry
- (2) Wet
- (3) Snow and slush
- (4) Ice
- (5) Sand, dirt or oil
- (8) Other (specify):
- (9) Unknown

34. Traffic Control Device 2

- (0) No traffic control(s)
- (1) Trafficway traffic control signal (not RR crossing)

*Regulatory or School Zone Sign (Not RR Crossing)*

- (2) Stop sign
- (3) Yield sign
- (4) School zone sign
- (5) Other sign (specify):
- (6) Unknown sign
- (7) Warning sign (not RR crossing)
- (8) Miscellaneous/other controls including RR controls (specify):
- (9) Unknown

35. Traffic Control Device Functioning 2

- (0) No traffic control
- (1) Not Functioning
- (2) Functioning
- (9) Unknown

36. Light Conditions 1

- (1) Daylight
- (2) Dark
- (3) Dark, but lighted
- (4) Dawn
- (5) Dusk
- (9) Unknown

37. Atmospheric Conditions 1

- (1) No adverse atmospheric related driving conditions
- (2) Rain
- (3) Sleet
- (4) Snow
- (5) Fog
- (6) Rain and fog
- (7) Sleet and fog
- (8) Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify):
- (9) Unknown



PEDESTRIAN EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

40

3. Vehicle Number

0 1

2. Case Number - Stratum

6 30 P  
CC

VEHICLE IDENTIFICATION

VIN JH4DA9349NS

Model Year 92

Vehicle Make (specify): ACURA

Vehicle Model (specify): INTEGRA RS

PEDESTRIAN FRONT CONTACT WORK SHEET

2DR  
HB

PEV06 Hood Material

STEEL

PEV08 Hood Length

108 cm

PEV09 Hood Width-Forward Opening

131 cm

PEV10 Hood Width-Midway

140 cm

PEV11 Hood Width-Rear Opening

144 cm

PEV14 Front Bumper Cover Material

PLASTIC

PEV15 Front Bumper Reinforcement Material

STEEL

VERTICAL MEASUREMENTS

PEV16 Front Bumper-Bottom Height

42 cm

PEV17 Front Bumper-Top Height

52 cm

PEV18 Forward Hood Opening

67 cm

PEV19 Front Bumper Lead

9 cm

WRAP DISTANCES

PEV20 Ground to Forward Hood Opening

63 cm

PEV21 Ground to Front/Top Transition Point

73 cm

PEV22 Ground to Rear Hood Opening

174 cm

PEV23 Ground to Base of Windshield

177 cm

PEV24 Ground to Top of Windshield

267 cm

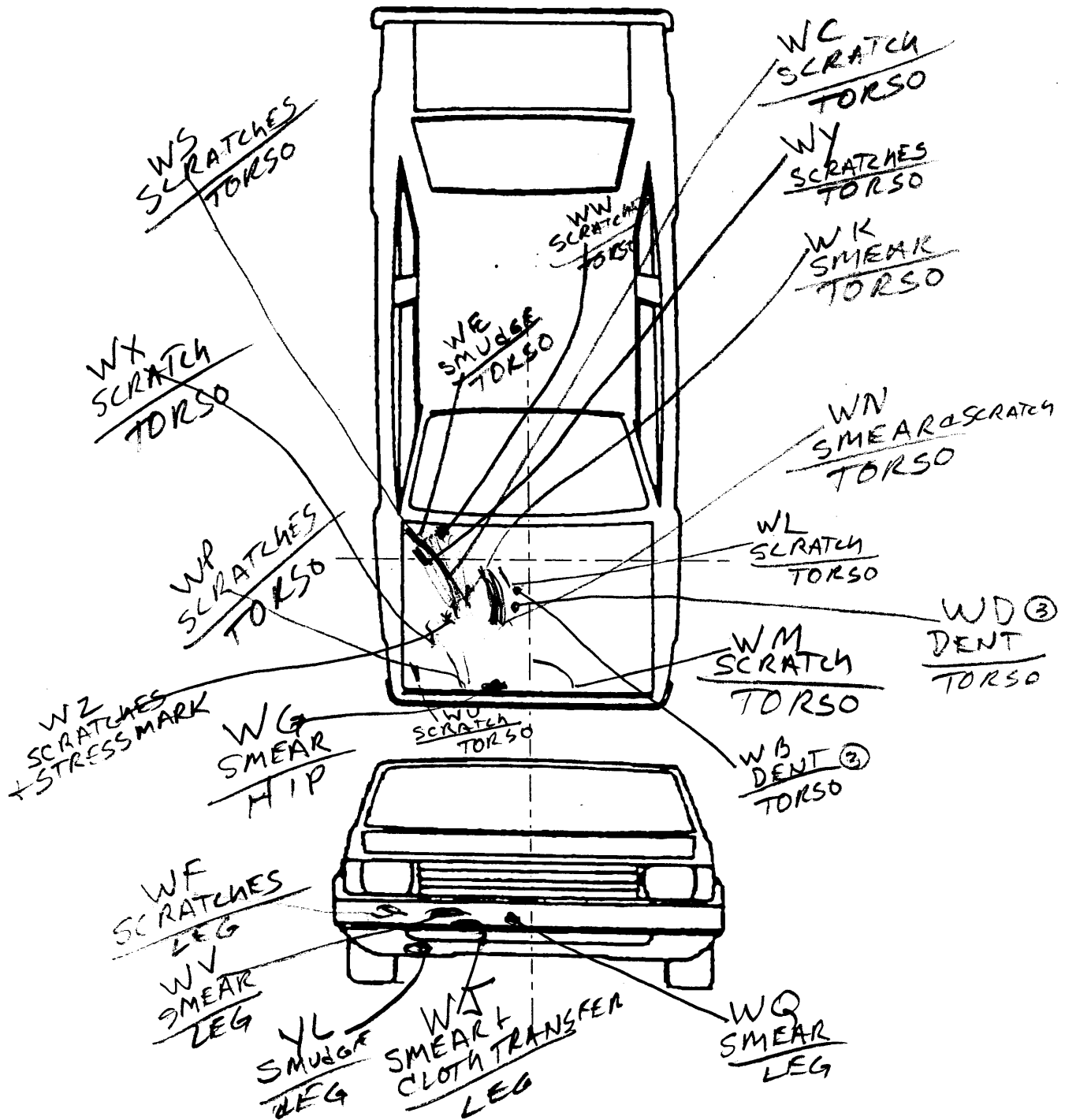
PEV25 Ground to Head Contact

212 cm

origin 180



## VEHICLE DAMAGE SKETCH



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axes (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axes) from the ground: 180 cm

**PEDESTRIAN SIDE CONTACT WORK SHEET**

PEV06 Hood Material

PEV08 Hood Length

PEV09 Hood Width-Forward Opening

PEV10 Hood Width-Midway

PEV11 Hood Width-Rear Opening

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

**VERTICAL MEASUREMENTS**

PEV26 Ground Clearance

PEV27 Side Bumper-Bottom Height

PEV28 Side Bumper-Top Height

PEV29 Centerline of Wheel

PEV30 Top of Tire

PEV31 Top of Wheel Well Opening

PEV32 Bottom of A-Pillar at Windshield

PEV33 Top of A-Pillar at Windshield

PEV34 Top of Side View Mirror

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

**LATERAL MEASUREMENTS**PEV35 C<sub>L</sub> to A-Pillar at Bottom of WindshieldPEV36 C<sub>L</sub> to A-Pillar at Top of WindshieldPEV37 C<sub>L</sub> to Maximum Side View Mirror Protrusion

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

**WRAP DISTANCES**

PEV38 Ground to Side/Top Transition

PEV39 Ground to Hood Edge

PEV40 Ground to Centerline of Hood (ORIGIN)

PEV41 Ground to Head Contact

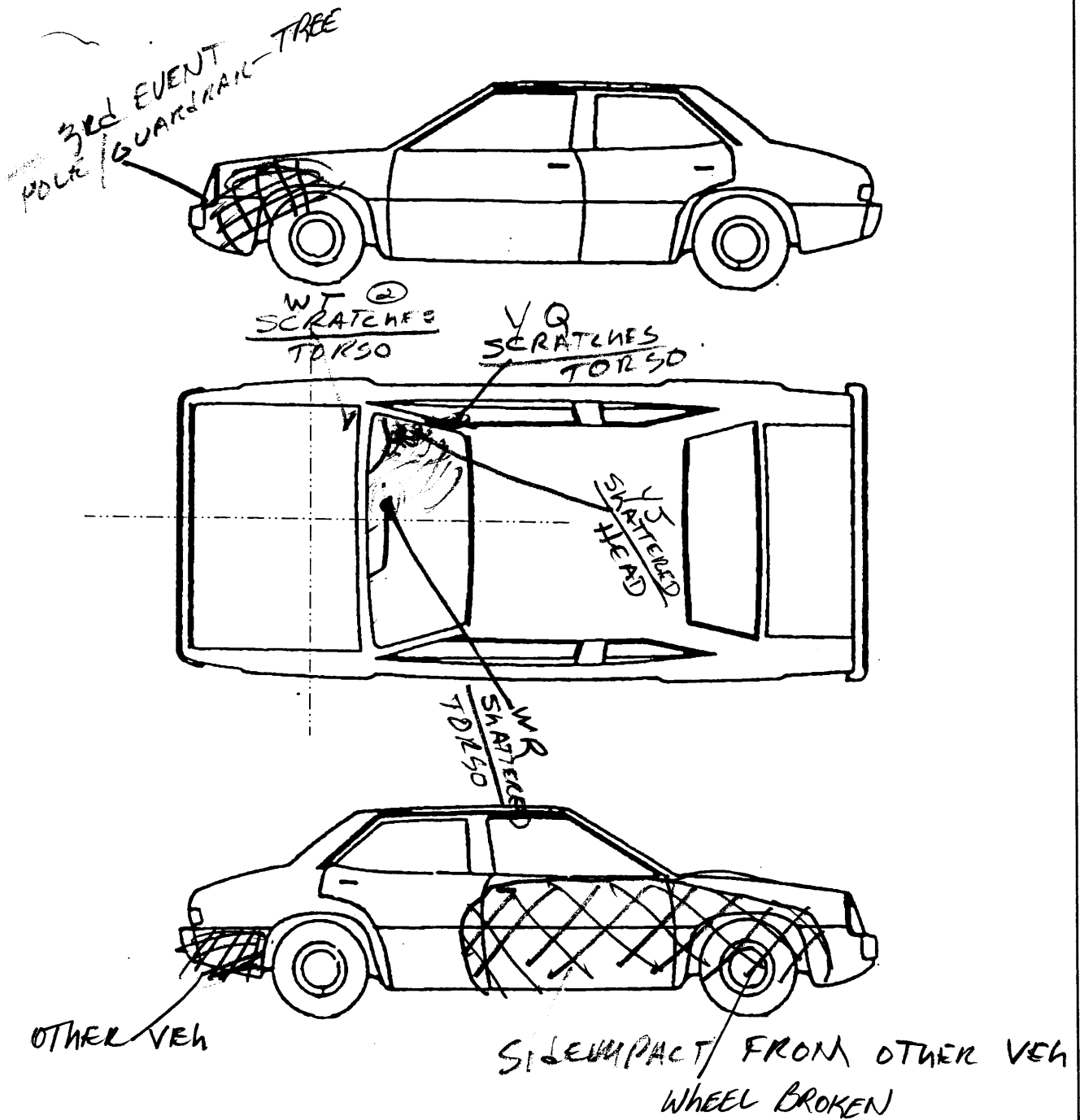
\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

\_\_\_\_ cm

## VEHICLE DAMAGE SKETCH



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground: \_\_\_\_\_ cm

## ORIGINAL SPECIFICATIONS

Wheelbase	<u>100.4</u> inches	x 2.54 =	<u>255</u> cm
Overall Length	<u>172.8</u> inches	x 2.54 =	<u>439</u> cm
Maximum Width	<u>67.3</u> inches	x 2.54 =	<u>171</u> cm
Curb Weight	<u>2510.2</u> pounds	x .4536 =	<u>1141</u> kg
Average Track	<u>58.1</u> inches	x 2.54 =	<u>148</u> cm
Front Overhang	<u>34.3</u> inches	x 2.54 =	<u>87</u> cm
Rear Overhang	<u>37.4</u> inches	x 2.54 =	<u>95</u> cm
Undeformed End Width	_____ inches	x 2.54 =	_____ cm
Engine Size: cyl./displ.	_____ cc	x .001 =	<u>1.8</u> L
	_____ CID	x .0164 =	_____ L

## INJURY SOURCE

### FRONT

700 Front bumper  
 701 Front lower valance/spoiler  
 702 Front grille  
 703 Hood edge and/or trim  
 704 Hood ornament (fixed)  
 705 Hood ornament (spring loaded)  
 706 Headlight  
 707 Retractable headlight door (Open/Closed)  
 708 Turn signal/parking lights  
 718 Other front or add on object  
     (specify): \_\_\_\_\_  
 719 Unknown front object

### Left Side Components

720 Front fender side surface  
 721 Front antenna  
 722 A1 pillar  
 723 A2 pillar  
 724 B pillar  
 725 C pillar  
 726 D pillar  
 728 Other pillar  
     (specify): \_\_\_\_\_  
 729 Left side roof rail  
 730 Left side door surface  
 731 Left side door handle  
 732 Left side mirror fixed housing  
 733 Left side folding mirror  
 734 Left side glazing forward of B pillar  
 735 Left side glazing rearward of B pillar  
 736 Left side back fender or quarter panel  
 737 Rear antenna  
 738 Other left side object  
     (specify): \_\_\_\_\_  
 739 Unknown left side component

### Right Side Components

740 Front fender side surface  
 741 Front antenna  
 742 A1 pillar  
 743 A2 pillar

744 B pillar  
 745 C pillar  
 746 D pillar  
 748 Other pillar (specify): \_\_\_\_\_  
 749 Right side roof rail  
 750 Right side door surface  
 751 Right side door handle  
 752 Right side mirror fixed housing  
 753 Right side folding mirror  
 754 Right side glazing forward of B pillar  
 755 Right side glazing rearward of B pillar  
 756 Rear antenna  
 757 Rear fender or quarter panel  
 758 Other right side object  
     (specify): \_\_\_\_\_  
 759 Unknown right side component

### Back Components

760 Rear (back) bumper  
 761 Tailgate  
 762 Hatchback, vertical surface  
 768 Other back component  
     (specify): \_\_\_\_\_  
 769 Unknown back component

### Top Components

770 Hood surface  
 771 Hood surface reinforced by under hood component  
 772 Front fender top surface  
 773 Cowl area  
 774 Wiper blade & mountings  
 775 Windshield glazing  
 776 Front header  
 777 Roof surface  
 778 Backlight glazing  
 779 Rear header  
 780 Hatchback  
 781 Rear trunk lid  
 788 Other top component (specify): \_\_\_\_\_  
 789 Unknown top component

### Wheels / tires

790 Left front wheel / tire  
 791 Right front wheel / tire  
 792 Left rear wheel / tire  
 793 Right rear wheel / tire  
 798 Other wheel / tire (specify): \_\_\_\_\_  
 799 Unknown wheel / tire

### Undercarriage components

800 Front cross member  
 801 Steering assembly/Front suspension  
 802 Oil pan  
 803 Exhaust system pipe  
 804 Transmission  
 805 Drive shaft  
 806 Catalytic converter  
 807 Muffler  
 808 Floor pan  
 809 Fuel tank  
 810 Rear suspension  
 818 Other undercarriage component  
     (specify): \_\_\_\_\_  
 819 Unknown undercarriage component

### Accessories

820 Air scoop, deflector  
 821 Cellular or CB radio antenna  
 822 Emergency lights or bar  
 823 Fog lights  
 824 Luggage, ski, or bike rack  
 825 Cargo (specify): \_\_\_\_\_  
 826 Spare tire  
 827 Spotlight  
 828 Other accessory (specify): \_\_\_\_\_

### Other Object or Vehicle in Environment

947 Ground  
 948 Other object (specify): \_\_\_\_\_  
 949 Unknown object in environment  
 959 Unknown object on contacting vehicle  
 997 Noncontact injury source  
 999 Unknown injury source

## POINTS OF PEDESTRIAN CONTACT

## PEDESTRIAN CONTACT WORKSHEET

CONTACT ID LABEL	COMPONENT CONTACTED	LONGITUDINAL LOCATION (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED BODY REGION	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Circle)	SEQUENCE #
WF	BUMPER	52	41		LEG	SCRATCHES	① 2 3 9	1
YL	"	44	31		"	SMUDGE	① 2 3 9	2
WJ	"	47	22		"	SMEAR & CLOTH TRANSFER	① 2 3 9	3
V	"	52	21		"	SMEAR	① 2 3 9	4
Q	"	52	12		"	SMEAR	① 2 3 9	5
P	Hood	73	28		TORSO	SCRATCHES	① 2 3 9	6
G	"	68	12		HIP	SMEAR	① 2 3 9	7
M	"	72	-15		TORSO	SCRATCH	1 ② 3 9	22
V	"	96	39		"	SCRATCH	① 2 3 9	8
X	"	87	39		"	SCRATCH	① 2 3 9	9
N	"	94	20		"	SMEAR & SCRATCH	① 2 3 9	10
Z	"	96	44		"	SCRATCHES & STRESS MARK	① 2 3 9	11
K	"	101	45		"	SMEAR	① 2 3 9	12
S	"	117	44		"	SCRATCHES	① 2 3 9	13
D	"	111	14		"	DENT	1 2 ③ 9	24
B	"	121	15		"	DENT	1 2 ③ 9	25
L	"	131	28		"	SCRATCH	① 2 3 9	14
C	"	144	41		"	SCRATCH	① 2 3 9	15
Y	"	148	48		"	SCRATCHES	① 2 3 9	16
E	"	169	61		"	SMUDGE	① 2 3 9	17
T	"	184	70		"	SCRATCHES	1 ② 3 9	23
W	"	180	57		"	SCRATCHES	① 2 3 9	18
R	WS	188	13		"	SHATTERED	① 2 3 9	19
YJ	"	212	54	2	HEAD	SHATTERED	① 2 3 9	20
YQ	A PILLAR	215	65		TORSO	SCRATCHES	① 2 3 9	21

Original

POINTS OF PEDESTRIAN CONTACT							
CHRONOLOGICAL ORDER OF CONTACTS							
CONTACT #	COMPONENT CONTACTED CODE	LONGITUDINAL LOCATION (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED BODY REGION	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Circle)
1	700	52	41		LEG	SCRATCHES	① 2 3 9
2	700	44	31		LEG	SMUDGE	① 2 3 9
3	700	47	22		LEG	SMEAR + CLOTH TRANSFER	① 2 3 9
4	700	52	21		LEG	SMEAR	① 2 3 9
5	700	52	12		LEG	SMEAR	① 2 3 9
6	770	73	28		TORSO	SCRATCHES	① 2 3 9
7	770	68	12		HIP	SMEAR	① 2 3 9
8	770	96	59		TORSO	SCRATCH	① 2 3 9
9	770	87	39		TORSO	SCRATCH	① 2 3 9
10	770	94	20		TORSO	SMEAR + SCRATCH	① 2 3 9
11	770	96	44		TORSO	SCRATCHES + STRESS MARKS	① 2 3 9
12	770	101	45		TORSO	SMEAR	① 2 3 9
13	770	117	44		TORSO	SCRATCHES	① 2 3 9
14	770	131	28		TORSO	SCRATCH	① 2 3 9
15	770	144	41		TORSO	SCRATCH	① 2 3 9
16	770	148	48		TORSO	SCRATCHES	① 2 3 9
17	770	169	61		TORSO	SMUDGE	① 2 3 9
18	770	180	57		TORSO	SCRATCHES	① 2 3 9
19	775	188	13		TORSO	SHATTERED	① 2 3 9
20	775	212	54	2	HEAD	SHATTERED	① 2 3 9
21	742	215	65		TORSO	SCRATCHES	① 2 3 9
22	770	72	-15		TORSO	SCRATCH	1 ② 3 9
23	770	184	70		TORSO	SCRATCHES	1 ② 3 9
24	770	111	14		TORSO	DENT	1 2 ③ 9
25	770	121	15		TORSO	DENT	1 2 ③ 9

## VEHICLE DIMENSIONS

4. Original Wheelbase 255  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (999) Unknown

100.4 inches X 2.54 = 255 centimeters

5. Original Average Track Width 148  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (185) 185 centimeters or more  
 (999) Unknown

58.1 inches X 2.54 = 148 centimeters

6. Hood Material 3  
 (1) Plastic  
 (2) Fiberglass  
 (3) Steel  
 (4) Aluminum  
 (5) Stainless Steel  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

7. Hood Original 1  
 Equipment Manufacturer (OEM)  
 (1) OEM factory installed hood  
 (2) OEM replacement  
 (3) Non-OEM replacement  
 (9) Unknown

8. Hood Length 108  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (180) 180 centimeters or more  
 (999) Unknown

42.5 inches X 2.54 = 108 centimeter

9. Hood Width Forward Opening 131  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

51.6 inches X 2.54 = 131 centimeters

10. Hood Width Midway 140  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

55.1 inches X 2.54 = 140 centimeters

11. Hood Width Rear Opening 144  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (210) 210 centimeters or more  
 (999) Unknown

56.7 inches X 2.54 = 144 centimeters

12. Hood/Fender Vertical/Lateral Crush From Pedestrian 1  
 (0) Not damaged  
 (1) Surface scratching only, no residual crush  
 (2) Minor crush (1-3 centimeters)  
 (3) Moderate crush (4-7 centimeters)  
 (4) Severe crush (>7 centimeters)  
 (8) Damage present, unknown if damage is from pedestrian impact  
 (9) Unknown

13. Windshield Contact Damage 2  
 From Pedestrian Contact  
 (0) Not contacted by pedestrian  
 (1) Contacted by pedestrian - not damaged  
 (2) Contacted by pedestrian - damaged  
 (3) Unknown if contacted by pedestrian - not damaged  
 (4) Unknown if contacted by pedestrian - damaged  
 (9) Unknown if contacted by pedestrian - unknown if damaged

## FRONT CONTACT DAMAGE

## Front Vertical Measurements

14. Front Bumper Cover Material 1  
 (0) No front contact  
 (1) Plastic  
 (2) Fiberglass  
 (3) Rubber  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

15. Front Bumper Reinforcement Material 1  
 (0) No front contact  
 (1) Steel  
 (2) Aluminum  
 (3) Stainless Steel  
 (4) Other (specify): \_\_\_\_\_  
 (9) Unknown

16. Front Bumper-Bottom Height 042  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown

16.5 inches X 2.54 = 42 centimeters

17. Front Bumper-Top Height 052  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (150) 150 centimeters or more  
 (999) Unknown

20.5 inches X 2.54 = 52 centimeters

18. Forward Hood Opening 067  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown

26.4 inches X 2.54 = 67 centimeters

19. Front Bumper Lead 09  
 (00) No front contact  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (30) 30 centimeters or more  
 (99) Unknown

3.5 inches X 2.54 = 9 centimeters

23. Ground to Base of Windshield 177  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown

69.7 inches X 2.54 = 177 centimeters

24. Ground to Top of Windshield 267  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (500) 500 centimeters or more  
 (999) Unknown

105.1 inches X 2.54 = 267 centimeters

25. Ground To Head Contact 212  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (998) No head contact  
 (999) Unknown

83.5 inches X 2.54 = 212 centimeters

## Front Wrap Distance Measurements

20. Ground to Forward Hood Opening 063  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (200) 200 centimeters or more  
 (999) Unknown

24.8 inches X 2.54 = 63 centimeters

21. Ground to Front/Top Transition Point 073  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (180) 180 centimeters or more  
 (999) Unknown

28.7 inches X 2.54 = 73 centimeters

22. Ground to Rear Hood Opening 174  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No front contact  
 (400) 400 centimeters or more  
 (999) Unknown

68.5 inches X 2.54 = 174 centimeters

## SIDE CONTACT DAMAGE

## Side Vertical Measurements

26. Ground Clearance 000  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

27. Side Bumper-Bottom Height 000  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

28. Side Bumper-Top Height 000  
 \_\_\_\_\_ Code to the  
 nearest centimeter  
 (000) No side contact  
 (150) 150 centimeters or more  
 (999) Unknown

\_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters



## 29. Centerline of Wheel

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(150) 150 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 30. Top of Tire

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(200) 200 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 31. Top of Wheel Well Opening

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 32. Bottom of A-Pillar at Windshield

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 33. Top of A-Pillar at Windshield

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(300) 300 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 34. Top of Side View Mirror

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(300) 300 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## Side Lateral Measurements

35. Centerline to A-Pillar  
at Bottom of Windshield

\_\_\_\_\_ Code to the  
nearest centimeter  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

36. Centerline to A-Pillar  
at Top of Windshield

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(250) 250 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

37. Centerline to Maximum Side  
View Mirror Protrusion

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(300) 300 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeter

## Side Wrap Distance Measurements

## 38. Ground to Side/Top Transition

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(400) 400 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 39. Ground to Hood Edge

\_\_\_\_\_ Code to the  
nearest centimeter  
(000) No side contact  
(500) 500 centimeters or more  
(999) Unknown

\_\_\_\_\_ . \_\_\_\_\_ inches X 2.54 = \_\_\_\_\_ centimeters

## 40. Ground to Centerline of Hood

800

\_\_\_\_ Code to the  
nearest centimeter

(000) No side contact

(700) 700 centimeters or more

(999) Unknown

\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_ centimeters

## 41. Ground to Head Contact

000

\_\_\_\_ Code to the  
nearest centimeter

(000) No side contact

(800) 800 centimeters or more

(998) No head contact

(999) Unknown

\_\_\_\_ . \_\_\_\_ inches X 2.54 = \_\_\_\_ centimeters

# PEDESTRIAN ASSESSMENT FORM

Form Approved  
O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

40

2. Case Number - Stratum

630 P  
CC

3. Pedestrian Number

01

10. Pedestrian's Weight  
Code actual weight to the nearest  
kilogram.  
(999) Unknown

999  
073

160 pounds X .4536 = 073 kilograms

## PEDESTRIAN'S CHARACTERISTICS

4. Pedestrian's Age

Code actual age at time of accident.  
(00) Less than one year old (specify by month):

93

(97) 97 years and older  
(99) Unknown

5. Pedestrian's Sex

(1) Male  
(2) Female - not reported pregnant  
(3) Female - pregnant-1st trimester (1st-3rd month)  
(4) Female - pregnant-2nd trimester (4th-6th month)  
(5) Female - pregnant-3rd trimester (7th-9th month)  
(6) Female - pregnant-term unknown  
(9) Unknown

1

6. Pedestrian's Overall Height

Code actual height to the nearest  
centimeter.  
(999) Unknown

170  
999

67 inches X 2.54 = 170 centimeters

7. Pedestrian's Height - Ground to Knee  
Code to the nearest  
centimeter.

(999) Unknown

99 99

67 inches X 2.54 = 170 centimeters

8. Pedestrian's Height - Ground to Hip  
Code to the nearest  
centimeter.

(999) Unknown

999

\_\_\_\_ inches X 2.54 = \_\_\_\_ centimeters

9. Pedestrian's Height - Ground to Shoulder  
Code to the nearest  
centimeter.

(999) Unknown

999

\_\_\_\_ inches X 2.54 = \_\_\_\_ centimeters

## PEDESTRIAN'S PRE-AVOIDANCE ACTIONS

11. Pedestrian Attitude

(1) Standing  
(2) Crouching  
(3) Kneeling  
(4) Bending at waist  
(8) Other (specify):  
(9) Unknown

1

12. Pedestrian Motion

(0) Not moving  
(1) Walking slowly  
(2) Walking rapidly  
(3) Running or jogging  
(4) Hopping  
(5) Skipping  
(6) Jumping  
(7) Falling/stumbling or rising  
(8) Other (specify):  
(9) Unknown

0

13. Pedestrian's Action Relative to Vehicle

(00) Stopped  
(01) Crossing road, straight  
(02) Crossing road, diagonally  
(03) Moving in road, with traffic  
(04) Moving in road, against traffic  
(05) Off road, approaching road  
(06) Off road, going away from road  
(07) Off road, moving parallel  
(08) Off road, crossing driveway  
(09) Off road, moving along driveway  
(98) Other (specify):  
(99) Unknown

00  
99

14. Pedestrian's Body (Chest) Orientation  
Relative to Striking Vehicle Prior to  
Avoidance Actions

(1) Facing vehicle  
(2) Facing away  
(3) Left side to vehicle  
(4) Right side to vehicle  
(8) Other (specify):  
(9) Unknown

9

**PEDESTRIAN'S AVOIDANCE ACTIONS****15. Pedestrian's First Avoidance Actions**

- (00) No avoidance actions  
 (01) Stopped  
 (02) Accelerated pace  
 (03) Ran away (along vehicle path)  
 (04) Jumped  
 (05) Turned toward vehicle  
 (06) Turned away from vehicle  
 (07) Dove or fell away

Used hand(s) to :

- (11) Vault corner of vehicle  
 (12) Vault onto vehicle  
 (13) Brace against vehicle  
 (14) Crouched and braced hands against vehicle  
 (98) Other (specify): \_\_\_\_\_  
 (99) Unknown

**18. Pedestrian's Arm Orientation at Initial Impact**

- (01) At sides  
 (02) Folded across chest  
 (03) Hands clasped behind back  
 (04) Hands on hips  
 (05) Hands in pockets

One or both arms:

- (06) Extended upward  
 (07) Extended to side  
 (08) Extended forward bracing  
 (09) Extended, holding object (briefcase, suitcase, etc.)  
 (10) Holding object (young child, grocery bag, etc.) in arm(s)  
 (11) Holding object (young child, grocery bag, etc.) on shoulder(s) or head  
 (98) Other (specify): \_\_\_\_\_  
 (99) Unknown

**19. Pedestrian's Leg Orientation at Initial Impact**

- (01) Together  
 (02) Apart-laterally  
 (03) Apart-right leg forward  
 (04) Apart-left leg forward  
 (05) Apart- forward leg unknown  
 (06) Left foot off the ground  
 (07) Right foot off the ground  
 (08) Both feet off the ground  
 (98) Other (specify): \_\_\_\_\_  
 (99) Unknown

**20. Vehicle/Pedestrian's Interaction**

- (01) Carried by vehicle, wrapped position  
 (02) Carried by vehicle, slid to windshield  
 (03) Carried by vehicle, position unknown  
 (04) Passed over vehicle top  
 (05) Thrown straight forward  
 (06) Thrown forward and left of vehicle  
 (07) Thrown forward and right of vehicle  
 (08) Knocked to pavement, forward  
 (09) Knocked to pavement, left of vehicle  
 (10) Knocked to pavement, right of vehicle  
 (11) Knocked to pavement, run over or dragged by vehicle  
 (12) Shunted to left (corner impacts only)  
 (13) Shunted to right (corner impacts only)  
 (14) Bumped or pushed aside  
 (15) Snagged, rotated  
 (16) Snagged, dragged by vehicle  
 (17) Foot or legs run over  
 (98) Other (specify): \_\_\_\_\_  
 (99) Unknown

**PEDESTRIAN'S ORIENTATION AT IMPACT****16. Pedestrian's Head Orientation at Initial Impact**

- (1) To front  
 (2) To left  
 (3) To right  
 (4) Up  
 (5) Down  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

**17. Pedestrian's Body (Chest) Orientation at Initial Impact**

- (1) Facing vehicle  
 (2) Facing away  
 (3) Left side to vehicle  
 (4) Right side to vehicle  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

## OFFICIAL RECORDS

## INJURY CONSEQUENCES

## 21. Police Reported Alcohol Presence

For Pedestrian

- (0) No alcohol present  
 (1) Yes alcohol present  
 (7) Not reported  
 (9) Unknown

722. Alcohol Test Result For Pedestrian  
Code actual value (decimal implied before first digit—0.xx)

- (95) Test refused  
 (96) None given  
 (97) AC (Alcohol Content) test performed, results unknown  
 (99) Unknown if test given

96

Source: \_\_\_\_\_

23. Police Reported Other Drug Presence  
For Pedestrian

- (0) No other drug(s) present  
 (1) Yes other drug(s) present  
 (7) Not reported  
 (9) Unknown

024. Other Drug Specimen Test Result  
For Pedestrian

- (0) No specimen test given  
 (1) Drug not found in specimen  
 (2) Drug found in specimen, (specify): \_\_\_\_\_  
 (3) Specimen test given, results unknown or not obtained  
 (9) Unknown

0

## 25. Injury Severity (Police Rating)

- (0) O - No injury  
 (1) C - Possible injury  
 (2) B - Nonincapacitating injury  
 (3) A - Incapacitating injury  
 (4) K - Killed  
 (5) U - Injury, severity unknown  
 (6) Died prior to accident  
 (9) Unknown

3

## 26. Treatment - Mortality

- (0) No treatment  
 (1) Fatal  
 (2) Fatal - ruled disease (specify): \_\_\_\_\_

1*Nonfatal*

- (3) Hospitalization  
 (4) Transported and released  
 (5) Treatment at scene - non-transported  
 (6) Treatment later  
 (8) Treatment - other (specify): \_\_\_\_\_  
 (9) Unknown

27. Type Of Medical Facility  
(for Initial Treatment)

- (0) Not treated at a medical facility  
 (1) Trauma center  
 (2) Hospital  
 (3) Medical clinic  
 (4) Physician's office  
 (5) Treatment later at medical facility  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

1

## 28. Hospital Stay

- (00) Not Hospitalized  
 \_\_\_\_\_ Code the number of days (up through 60) that the pedestrian stayed in a hospital.  
 (61) 61 days or more  
 (99) Unknown

30

## 29. Working Days Lost

- \_\_\_\_\_ Code the number of days (up through 60) that the pedestrian lost from work due to the accident  
 (00) No working days lost  
 (61) 61 days or more  
 (62) Fatally injured  
 (97) Not working prior to accident  
 (99) Unknown

62

STOP - VARIABLES 30 THROUGH 37 ARE COMPLETED BY THE ZONE CENTER

30. Glasgow Coma Scale (GCS) Score 02  
 (at Medical Facility)  
 (00) Not injured  
 (01) Injured - not treated at medical facility  
 (02) No GCS Score at medical facility  
 (03-15) Code the actual value of the initial GCS Score recorded at medical facility.  
 (97) Injured, details unknown  
 (99) Unknown if injured

31. Was the Pedestrian Given Blood? 9  
 (1) No - blood not given  
 (2) Yes - blood given  
 (specify units): \_\_\_\_\_  
 (9) Unknown if blood given

32. Arterial Blood Gases (ABG) -  $\text{HCO}_3$  01  
 (00) Not injured  
 (01) Injured, ABGs not measured or reported  
 (02-50) Code the actual value of the  $\text{HCO}_3$   
 (96) ABGs reported,  $\text{HCO}_3$  unknown  
 (97) Injured, details unknown  
 (99) Unknown if injured

33. Time to Death 60  
 \_\_\_\_\_ Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, ... n days = 30 + n up through 30 days = 60)  
 (00) Not fatal  
 (96) Fatal - ruled disease  
 (99) Unknown

34. 1st Medically Reported Cause of Death 96

35. 2nd Medically Reported Cause of Death 00

36. 3rd Medically Reported Cause of Death 00

\_\_\_\_\_ Code the Pedestrian Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this pedestrian's death  
 (00) Not fatal or no additional causes  
 (96) Mode of death given but specific injuries are not linked to cause of death. (specify):

HYPERTROPHIC + ATHEROSCLEROTIC HEART DISEASE

- (97) Other result (includes fatal ruled disease) CHRONIC  
 (specify): \_\_\_\_\_

- (99) Unknown OBSTRUCTIVE PULMONARY DISEASE

37. Number of Recorded Injuries for This Pedestrian 03

\_\_\_\_\_ Code the actual number of injuries recorded for this pedestrian.  
 (00) No recorded injuries  
 (97) Injured, details unknown  
 (99) Unknown if injured

ARE ALL APPLICABLE MEDICAL RECORDS INCLUDED WITH INITIAL SUBMISSION?

NO [ ] YES ☒

UPDATE CANDIDATE?

NO ☒ YES [ ]



# PEDESTRIAN INJURY FORM

Form Approved  
O.M.B. No. 2127-0021  
NATIONAL ACCIDENT SAMPLING SYSTEM  
PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

40

2. Case Number - Stratum

6 30 P  
27

3. Pedestrian Number

0 1

4. Blank

X X

## INJURY DATA

Record below the actual injuries sustained by this pedestrian in CHRONOLOGICAL order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been documented, encode the balance on the Pedestrian Injury Supplement.

Source of Injury Data	Body Region	Type of Anatomic Structure	AIS-90			Injury Source	Injury Source Confidence Level	Direct/Indirect Injury	Striking Profile	Type Of Damage	Damage Depth		
			Specific Anatomic Structure	Level of Injury	A.I.S. Severity Aspect								
1st	5. <u>2</u>	6. <u>1</u>	7. <u>9</u>	8. <u>06</u>	9. <u>02</u>	10. <u>1</u>	11. <u>5</u>	12. <u>775</u>	13. <u>1</u>	14. <u>1</u>	15. <u>2</u>	16. <u>5</u>	17. <u>3</u>
2nd	18. <u>2</u>	19. <u>8</u>	20. <u>9</u>	21. <u>06</u>	22. <u>00</u>	23. <u>1</u>	24. <u>1</u>	25. <u>720</u>	26. <u>1</u>	27. <u>1</u>	28. <u>1</u>	29. <u>2</u>	30. <u>2</u>
3rd	31. <u>2</u>	32. <u>4</u>	33. <u>5</u>	34. <u>02</u>	35. <u>20</u>	36. <u>2</u>	37. <u>1</u>	38. <u>770</u>	39. <u>1</u>	40. <u>1</u>	41. <u>2</u>	42. <u>3</u>	43. <u>9</u>
4th	44. <u> </u>	45. <u> </u>	46. <u> </u>	47. <u> </u>	48. <u> </u>	49. <u> </u>	50. <u> </u>	51. <u> </u>	52. <u> </u>	53. <u> </u>	54. <u> </u>	55. <u> </u>	56. <u> </u>
5th	57. <u> </u>	58. <u> </u>	59. <u> </u>	60. <u> </u>	61. <u> </u>	62. <u> </u>	63. <u> </u>	64. <u> </u>	65. <u> </u>	66. <u> </u>	67. <u> </u>	68. <u> </u>	69. <u> </u>
6th	70. <u> </u>	71. <u> </u>	72. <u> </u>	73. <u> </u>	74. <u> </u>	75. <u> </u>	76. <u> </u>	77. <u> </u>	78. <u> </u>	79. <u> </u>	80. <u> </u>	81. <u> </u>	82. <u> </u>
7th	83. <u> </u>	84. <u> </u>	85. <u> </u>	86. <u> </u>	87. <u> </u>	88. <u> </u>	89. <u> </u>	90. <u> </u>	91. <u> </u>	92. <u> </u>	93. <u> </u>	94. <u> </u>	95. <u> </u>
8th	96. <u> </u>	97. <u> </u>	98. <u> </u>	99. <u> </u>	100. <u> </u>	101. <u> </u>	102. <u> </u>	103. <u> </u>	104. <u> </u>	105. <u> </u>	106. <u> </u>	107. <u> </u>	108. <u> </u>
9th	109. <u> </u>	110. <u> </u>	111. <u> </u>	112. <u> </u>	113. <u> </u>	114. <u> </u>	115. <u> </u>	116. <u> </u>	117. <u> </u>	118. <u> </u>	119. <u> </u>	120. <u> </u>	121. <u> </u>
10th	122. <u> </u>	123. <u> </u>	124. <u> </u>	125. <u> </u>	126. <u> </u>	127. <u> </u>	128. <u> </u>	129. <u> </u>	130. <u> </u>	131. <u> </u>	132. <u> </u>	133. <u> </u>	134. <u> </u>



## PEDESTRIAN INJURY DATA

[illegible]



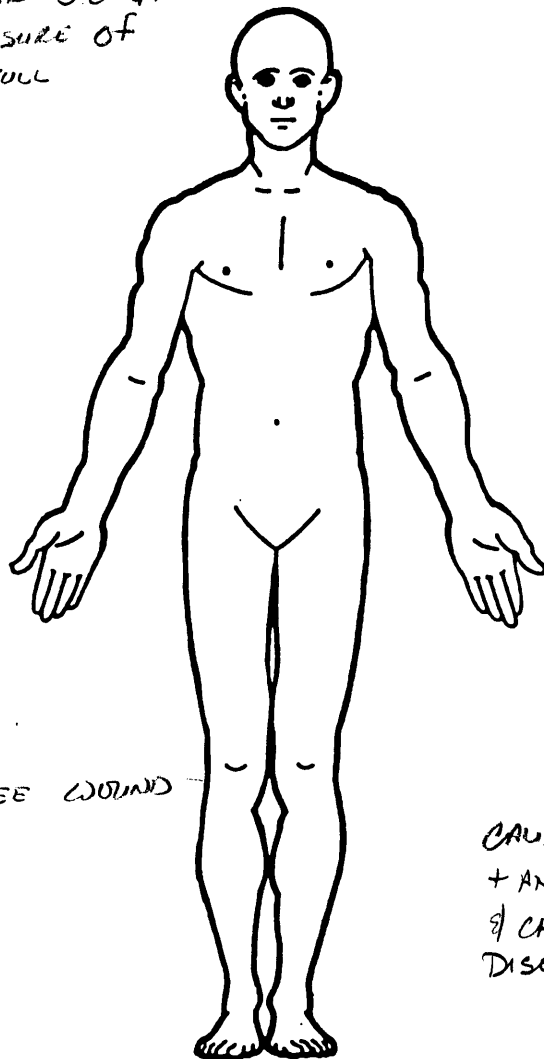
# OFFICIAL INJURY DATA — SOFT TISSUE INJURIES

BEST AVAILABLE

TIME OF DEATH 3:10AM 1/2/99

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

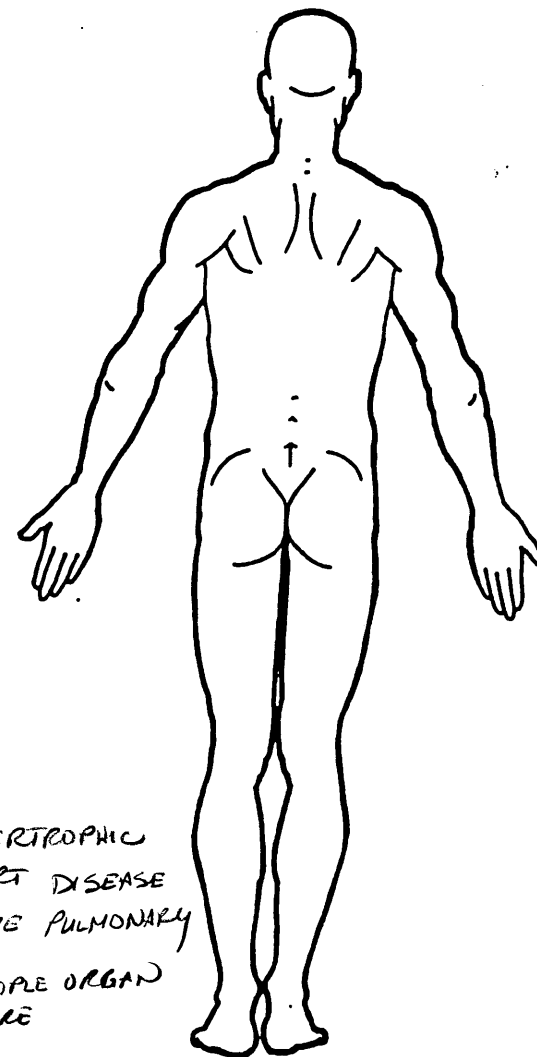
AUT. LG WOUND VORTEX  
OF HEAD 50" & MEASURES 2"  
EXPOSURE OF  
THE SKULL



AUT:  
RT KNEE WOUND

CAUSE OF DEATH: ① HYPERTROPHIC  
+ ATHEROSCLEROTIC HEART DISEASE  
& CHRONIC OBSTRUCTIVE PULMONARY  
DISEASE

② MULTIPLE ORGAN  
FAILURE



**SOURCE OF INJURY DATA****OFFICIAL**

- (1) Autopsy records with or without hospital/medical records
- (2) Hospital/medical records other than emergency room (e.g., discharge summary)
- (3) Emergency room records only (including associated X-rays or other lab reports)
- (4) Private physician, walk-in or emergency clinic

**UNOFFICIAL**

- (5) Lay coroner report
- (6) E.M.S. personnel
- (7) Interviewee
- (8) Other source (specify): \_\_\_\_\_
- (9) Police

**INJURY SOURCE CONFIDENCE LEVEL**

- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown

**DIRECT/INDIRECT INJURY**

- (1) Direct contact injury
- (2) Indirect contact injury
- (3) Noncontact injury
- (7) Injured, unknown source

**STRIKING PROFILE**

- (0) Injury not from vehicle contact
- (1) Flat-Narrow (< 15 centimeters)
- (2) Flat-Wide (≥ 15 centimeters)
- (3) Rounded (contoured)
- (4) Rounded edge
- (5) Sharp edge
- (8) Other (specify): \_\_\_\_\_
- (9) Unknown

**TYPE OF DAMAGE**

- (0) Injury not from vehicle contact
- (1) No damage/contact
- (2) Scratch (Scuff, Cloth Transfer, Smear)
- (3) Dent
- (4) Large deformation
- (5) Cracked, fractured, shattered
- (6) Separated from vehicle
- (7) Noncontact injury
- (8) Other specify: \_\_\_\_\_
- (9) Unknown

**DAMAGE DEPTH**

- (0) Injury not from vehicle contact
- (1) No residual damage
- (2) Surface only damage
- (3) Crush depth > 0 to 2 centimeters
- (4) Crush depth > 2 to 5 centimeters
- (5) Crush depth > 5 to 10 centimeters
- (8) Other specify: \_\_\_\_\_
- (9) Unknown

**PEDESTRIAN INJURY CLASSIFICATION****Body Region**

- (1) Head
- (2) Face
- (3) Neck
- (4) Thorax
- (5) Abdomen
- (6) Spine
- (7) Upper Extremity
- (8) Lower Extremity
- (9) Unspecified

**Specific Anatomic Structure****Whole Area**

- (02) Skin - Abrasion
- (04) Skin - Contusion
- (06) Skin - Laceration
- (08) Skin - Avulsion
- (10) Amputation
- (20) Burn
- (30) Crush
- (40) Degloving
- (50) Injury - NFS
- (90) Trauma, other than mechanical

**Spine**

- (02) Cervical
- (04) Thoracic
- (06) Lumbar

**Vessels, Nerves, Organs, Bones, Joints**  
are assigned consecutive two digit numbers beginning with 02

**Level of Injury**

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

**Abbreviated Injury Scale**

- (1) Minor injury
- (2) Moderate injury
- (3) Serious injury
- (4) Severe injury
- (5) Critical injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

**Type of Anatomic Structure**

- (1) Whole Area
- (2) Vessels
- (3) Nerves
- (4) Organs (includes muscles/ligaments)
- (5) Skeletal (includes joints)
- (6) Head - LOC
- (9) Skin

**Head - LOC**

- (02) Length of LOC
- (04, 06, 08) Level of Consciousness
- (10) Concussion

**Aspect**

- (1) Right
- (2) Left
- (3) Bilateral
- (4) Central
- (5) Anterior
- (6) Posterior
- (7) Superior
- (8) Inferior
- (9) Unknown
- (0) Whole region

**INJURY SOURCE****FRONT**

- 700 Front bumper
- 701 Front lower valance/spoiler
- 702 Front grille
- 703 Hood edge and/or trim
- 704 Hood ornament (fixed)
- 705 Hood ornament (spring loaded)
- 706 Headlight
- 707 Retractable headlight door (Open/Closed)
- 708 Turn signal/parking lights
- 718 Other front or add on object (specify): \_\_\_\_\_
- 719 Unknown front object

**Left Side Components**

- 720 Front fender side surface
- 721 Front antenna
- 722 A1 pillar
- 723 A2 pillar
- 724 B pillar
- 725 C pillar
- 726 D pillar
- 728 Other pillar (specify): \_\_\_\_\_
- 729 Left side roof rail
- 730 Left side door surface
- 731 Left side door handle
- 732 Left side mirror fixed housing
- 733 Left side folding mirror
- 734 Left side glazing forward of B pillar
- 735 Left side glazing rearward of B pillar
- 736 Left side back fender or quarter panel
- 737 Rear antenna
- 738 Other left side object (specify): \_\_\_\_\_
- 739 Unknown left side component

**Right Side Components**

- 740 Front fender side surface
- 741 Front antenna
- 742 A1 pillar
- 743 A2 pillar

- 744 B pillar
- 745 C pillar
- 746 D pillar
- 748 Other pillar (specify): \_\_\_\_\_
- 749 Right side roof rail
- 750 Right side door surface
- 751 Right side door handle
- 752 Right side mirror fixed housing
- 753 Right side folding mirror
- 754 Right side glazing forward of B pillar
- 755 Right side glazing rearward of B pillar
- 756 Rear antenna
- 757 Rear fender or quarter panel
- 758 Other right side object (specify): \_\_\_\_\_
- 759 Unknown right side component

**Back Components**

- 760 Rear (back) bumper
- 761 Tailgate
- 762 Hatchback, vertical surface
- 768 Other back component (specify): \_\_\_\_\_
- 769 Unknown back component

**Top Components**

- 770 Hood surface
- 771 Hood surface reinforced by under hood component
- 772 Front fender top surface
- 773 Cowl area
- 774 Wiper blade & mountings
- 775 Windshield glazing
- 776 Front header
- 777 Roof surface
- 778 Backlight glazing
- 779 Rear header
- 780 Hatchback
- 781 Rear trunk lid
- 788 Other top component (specify): \_\_\_\_\_
- 789 Unknown top component

**Wheels / tires**

- 790 Left front wheel / tire
- 791 Right front wheel / tire
- 792 Left rear wheel / tire
- 793 Right rear wheel / tire
- 798 Other wheel / tire (specify): \_\_\_\_\_
- 799 Unknown wheel / tire

**Undercarriage components**

- 800 Front crossmember
- 801 Steering assembly/Front suspension
- 802 Oil pan
- 803 Exhaust system pipe
- 804 Transmission
- 805 Drive shaft
- 806 Catalytic converter
- 807 Muffler
- 808 Floor pan
- 809 Fuel tank
- 810 Rear suspension
- 818 Other undercarriage component (specify): \_\_\_\_\_
- 819 Unknown undercarriage component

**Accessories**

- 820 Air scoop, deflector
- 821 Cellular or CB radio antenna
- 822 Emergency lights or bar
- 823 Fog lights
- 824 Luggage, ski, or bike rack
- 825 Cargo (specify): \_\_\_\_\_
- 826 Spare tire
- 827 Spotlight
- 828 Other accessory (specify): \_\_\_\_\_

**Other Object or Vehicle in Environment**

- 947 Ground
- 948 Other object (specify): \_\_\_\_\_
- 949 Unknown object in environment
- 959 Unknown object on contacting vehicle
- 997 Noncontact injury source
- 999 Unknown injury source

# OFFICIAL INJURY DATA — SKELETAL INJURIES

BEST AVAILABLE

Restrained?

☐ No

☐ Yes

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Blood Alcohol Level  
(mg/dl)

BAL = \_\_\_\_

Glasgow Coma  
Scale Score

GCSS = \_\_\_\_

Units of Blood  
Given

Units = \_\_\_\_

Arterial Blood Gases

Ph = \_\_\_\_

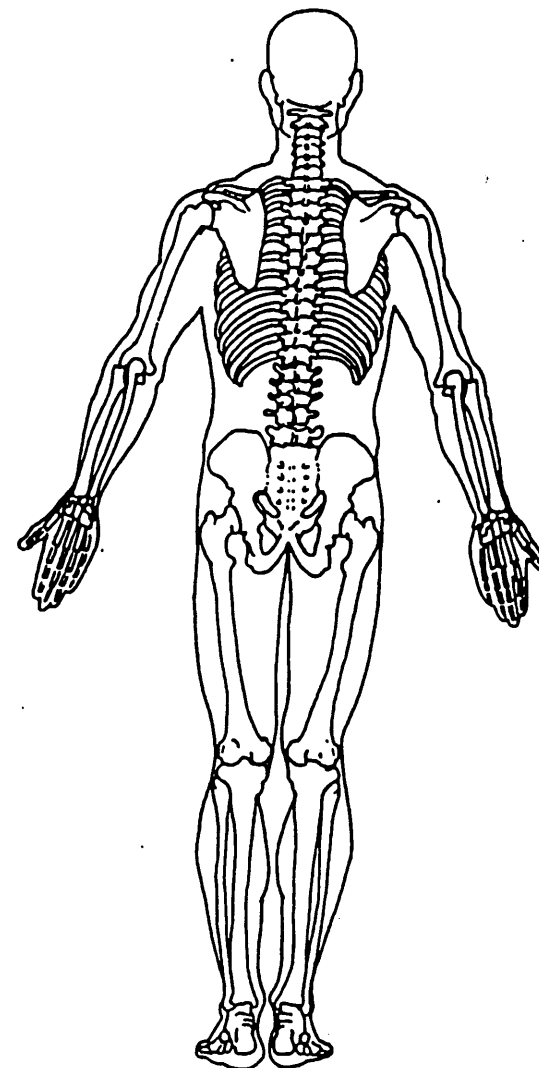
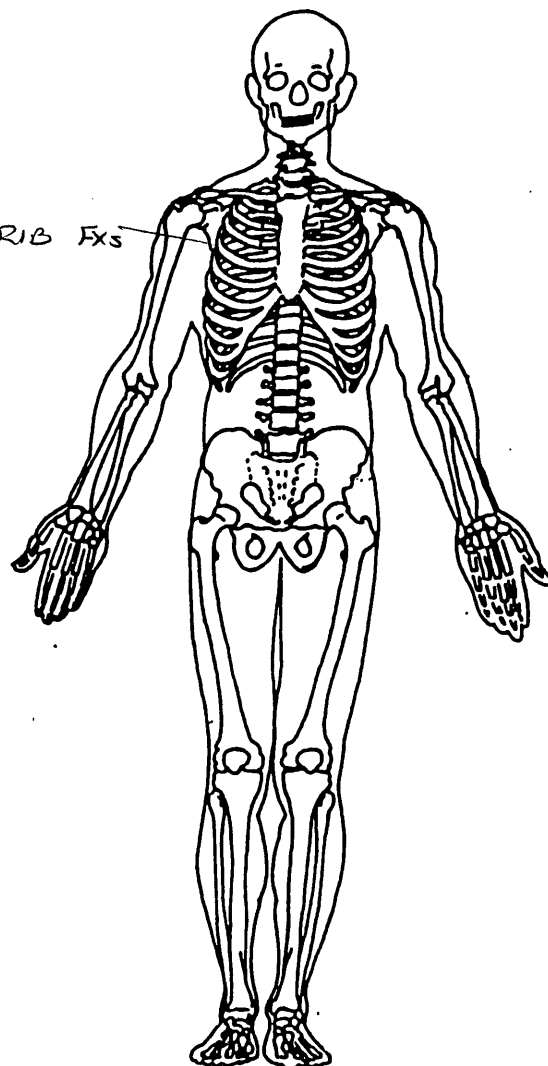
PO<sub>2</sub> = \_\_\_\_

PCO<sub>2</sub> = \_\_\_\_

HCO<sub>3</sub> = \_\_\_\_

AUT:

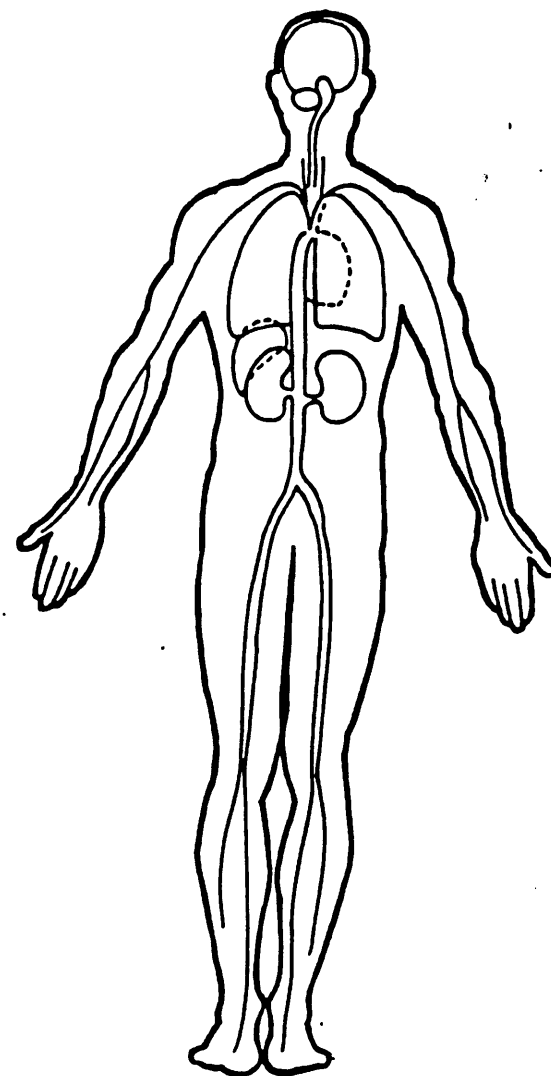
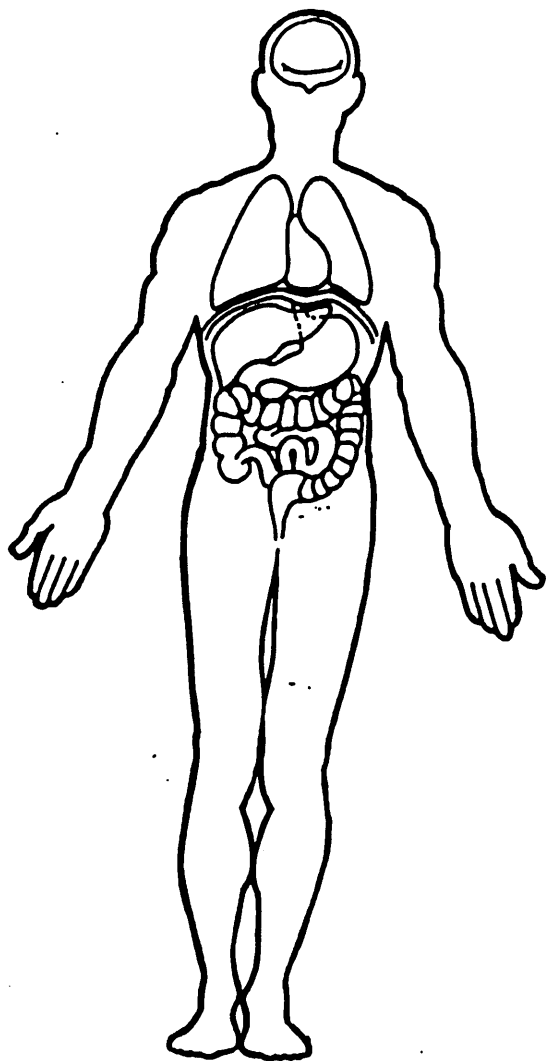
Rt RIB Fxs



## OFFICIAL INJURY DATA —INTERNAL INJURIES

BEST AVAILABLE

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



1  
PSU40  
CASE 630P

1998 PEDESTRIAN ACCIDENT FORM

IDENTIFICATION

3. Number of General Vehicle Forms Submitted 01  
4. Date of Accident (Month, Day, Year) 98  
5. Time of Accident (military time) 1537

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. SS16 1 8. SS17 0 9. SS18 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01  
01

PSU40  
CASE 630P

1998 PEDESTRIAN ACCIDENT FORM

PEDESTRIAN ACCIDENT EVENTS

Accident Sequence Number -----	Vehicle Number -----	Class of Vehicle -----	General Area of Damage -----	Veh. Num. or Obj. Cont. -----	Class of Vehicle -----	General Area of Damage -----
12. 01	13. 01	14. 02	15. F	16. 72	17. 00	18. 0

01

PSU40  
CASE 630P  
VEHICLE 01 PEDESTRIAN 01

1998 PEDESTRIAN ASSESSMENT FORM

PEDESTRIAN'S CHARACTERISTICS

4. Pedestrian's Age	93
5. Pedestrian's Sex	1
6. Pedestrian's Overall Height	170
7. Pedestrian's Height - Ground to Knee	99
8. Pedestrian's Height - Ground to Hip	999
9. Pedestrian's Height - Ground to Shoulder	999
10. Pedestrian's Weight	073

PEDESTRIAN'S PRE-AVOIDANCE ACTIONS

11. Pedestrian's Attitude	1
12. Pedestrian's Motion	0
13. Pedestrian's Actions Relative to Vehicle	99
14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions	9

PEDESTRIAN'S AVOIDANCE ACTIONS

15. Pedestrian's First Avoidance Actions	99
--	----

PEDESTRIAN'S ORIENTATION AT IMPACT

16. Pedestrian's Head Orientation at Initial Impact	9
17. Pedestrian's Body (Chest) Orientation at Initial Impact	9
18. Pedestrian's Arm Orientation at Initial Impact	99
19. Pedestrian's Leg Orientation at Initial Impact	99
20. Vehicle/Pedestrian's Interaction	02

OFFICIAL RECORDS

21. Police Reported Alcohol Presence For Pedestrian	7
22. Alcohol Test Result For Pedestrian	96
23. Police Reported Other Drug Presence For Pedestrian	0
24. Other Drug Specimen Test Result For Pedestrian	0

INJURY CONSEQUENCES

25. Injury Severity (Police Rating)	3
26. Treatment - Mortality	1
27. Type of Medical Facility (for Initial Treatment)	1
28. Hospital Stay	30
29. Working Days Lost	62

(COMPLETED BY THE ZONE CENTER)

30. Glasgow Coma Scale Score	02
31. Was the Pedestrian Given Blood?	9
32. Arterial Blood Gases	01
33. Time to Death	60
34. 1st Medically Reported Cause of Death	96
35. 2nd Medically Reported Cause of Death	00
36. 3rd Medically Reported Cause of Death	00
37. Number of Recorded Injuries for This Pedestrian	03
01	

PSU40  
CASE 630P  
VEHICLE 01 PEDESTRIAN 01

# PEDESTRIAN INJURY DATA

	Source of Inj. Data	Body Reg.	Type of Anat. Struc.	Spec. Anat. Struc.	Lev. of Inj.	AIS Sev.	Asp.	Inj. Source	Inj. Conf. Level	Dir./ Indir. Inj.	Str. Pro.	Type of Dmg.	Dmg. Dep.
01.	2	1	9	06	02	1	5	775	1	1	2	5	3
02.	2	8	9	06	00	1	1	700	1	1	1	2	2
03.	2	4	5	02	20	2	1	770	1	1	2	3	9

01  
PSU40  
CASE 630P  
VEHICLE 01

# 1998 PEDESTRIAN GENERAL VEHICLE FORM

## VEHICLE IDENTIFICATION

4. Vehicle Model Year	92
5. Vehicle Make	54
6. Vehicle Model	031
7. Body Type	03
8. Vehicle Identification Number	JH4DA9349NS

## OFFICIAL RECORDS

9. Police Reported Travel Speed	999
10. Speed Limit	048
11. Police Reported Alcohol Presence For Driver	7
12. Alcohol Test Result For Driver	96
13. Police Reported Other Drug Presence	0
14. Other Drug Specimen Test Result for Driver	0

## VEHICLE WEIGHT ITEMS

15. Vehicle Curb Weight	1,140
16. Vehicle Cargo Weight	9,990

## OTHER DATA

17. Vehicle Special Use (This Trip)	0
-------------------------------------	---



RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER)

18. Impact Speed	+999
19. Accuracy Range of Impact Speed Estimate	9
20. Data Source of Impact Speed	0

PRECRAASH DATA

21. Driver's Attention to Driving	8
22. Pre-Event Vehicle Movement	01

PRECRAASH DATA (continued)

23. Critical Precrash Event	08
24. Attempted Avoidance Maneuver	99
25. Precrash Stability After Avoidance Maneuver	9
26. Precrash Directional Consequences of Avoidance Manuver (Corrective Action)	9

ENVIRONMENTAL DATA

27. Relation to Junction	2
28. Trafficway Flow	4
29. Number of Travel Lanes	2
30. Roadway Alignment	1
31. Roadway Profile	1
32. Roadway Surface Type	2
33. Roadway Surface Condition	1
34. Traffic Control Device	2
35. Traffic Control Device Functioning	2
36. Light Conditions	1
37. Atmospheric Conditions	1

01

PSU40                      1998 PEDESTRIAN EXTERIOR VEHICLE FORM  
CASE 630P  
VEHICLE 01

VEHICLE DIMENSIONS

4. Original Wheelbase	255
5. Original Average Track Width	148
6. Hood Material	3
7. Hood Original Equip. Manufacturer	1
8. Hood Length	108
9. Hood Width Forward Opening	131
10. Hood Width Midway	140
11. Hood Width Rear Opening	144
12. Hood/Fender Vertical/Lateral Crush From Pedestrian	1

13. Windshield Contact Damage From  
Pedestrian Contact

2

#### FRONT CONTACT DAMAGE

##### FRONT VERTICAL MEASUREMENTS

14. Front Bumper Cover Material	1	15. Front Bumper Reinforcement Mat.	1
16. Front Bumper-Bottom Height	042	17. Front Bumper-Top Height	052
18. Forward Hood Opening	067	19. Front Bumper Lead	09

##### FRONT WRAP DISTANCE MEASUREMENTS

20. Ground to Fwd. Hood Opening	063	21. Ground to Front/Top Transition Pt	073
22. Ground to Rear Hood Opening	174	23. Ground to Base of Windshield	177
24. Ground to Top of Windshield	267	25. Ground to Head Contact	212

#### SIDE CONTACT DAMAGE

##### SIDE VERTICAL MEASUREMENTS

26. Ground Clearance	000
27. Side Bumper-Bottom Height	000
28. Side Bumper-Top Height	000
29. Centerline of Wheel	000
30. Top of Tire	000
31. Top of Wheel Well Opening	000
32. Bottom of A-Pillar at Windshield	000
33. Top of A-Pillar at Windshield	000
34. Top of Side View Mirror	000

#### SIDE CONTACT DAMAGE (continued)

##### SIDE LATERAL MEASUREMENTS

35. Centerline to A-Pillar at Bottom of Windshield	000
36. Centerline to A-Pillar at Top of Windshield	000
37. Centerline to Maximum Side View Mirror Protrusion	000

##### SIDE WRAP DISTANCE MEASUREMENTS

38. Ground to Side/Top Transition	000
39. Ground to Hood Edge	000
40. Ground to Centerline of Hood (Origin)	000

41. Ground to Head Contact  
0

000

[illegible]

PSU40  
CASE 630P  
CURRENT VERSION: 11.0

ERROR SUMMARY SCREEN  
PEDESTRIAN STUDY

99

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Pedestrian Accident	0	0	0	Y
Pedestrian Assessment	0	0	0	Y
Pedestrian Injury	0	0	0	Y
Pedestrian General Vehicle	0	0	0	Y
Pedestrian Exterior Vehicle	0	0	0	Y
Total Inter Errors		0	0	
Total Case Errors	0	0	0	