

**U.S. DEPARTMENT OF COMMERCE  
National Technical Information Service  
PB80-110141**

**Highway Accident  
Reports, Brief Format  
Issue Number 1 - 1979**

**(U.S.) National Transportation Safety Board, Washington, DC**

**11 Oct 79**

TECHNICAL REPORT DOCUMENTATION PAGE

1. Report No. NTSB-HAB-79-1	2. Government Accession No.	3. Recipient's Catalog No. PR 80 Y10141																															
4. Title and Subtitle Highway Accidents Reports - Brief Format - Issue Number 1--1979		5. Report Date October 11, 1979																															
		6. Performing Organization Code																															
7. Author(s)		8. Performing Organization Report No.																															
9. Performing Organization Name and Address National Transportation Safety Board Bureau of Accident Investigation 800 Independence Avenue, S. W. Washington, D.C. 20594		10. Work Unit No. 2740																															
		11. Contract or Grant No.																															
12. Sponsoring Agency Name and Address  NATIONAL TRANSPORTATION SAFETY BOARD Washington, D. C. 20594		13. Type of Report and Period Covered 26 U.S. Highway Accidents occurring during the last six months of 1978 and January, 1979																															
		14. Sponsoring Agency Code																															
15. Supplementary Notes																																	
16. Abstract This publication contains briefs of selected highway accident investigations conducted in conjunction with the data gathering process of the Commercialized Van Study, during the year 1978. The brief formats present basic facts, conditions, circumstances, and probable cause(s) in each instance.  File Number:  <table border="0" style="width: 100%;"> <tr> <td>ATL-78-F-H003</td> <td>IAD-78-F-H001</td> <td>OAK-78-F-H006</td> </tr> <tr> <td>ATL-78-F-H004</td> <td>IAD-78-F-H002</td> <td>OAK-78-F-H007</td> </tr> <tr> <td>ATL-78-F-H008</td> <td>IAD-78-F-H003</td> <td>OAK-78-F-H008</td> </tr> <tr> <td>ATL-78-F-H012</td> <td>IAD-78-F-H004</td> <td>OAK-78-F-H010</td> </tr> <tr> <td>ATL-78-F-H013</td> <td>IAD-78-F-H005</td> <td>OAK-79-F-H001</td> </tr> <tr> <td>ATL-78-F-H014</td> <td>MKC-78-F-H004</td> <td>OAK-79-F-H002</td> </tr> <tr> <td>ATL-78-F-H015</td> <td>MKC-78-F-H005</td> <td></td> </tr> <tr> <td>ATL-78-F-H016</td> <td>OAK-78-F-H003</td> <td></td> </tr> <tr> <td>ATL-78-F-H017</td> <td>OAK-78-F-H004</td> <td></td> </tr> <tr> <td>ATL-79-F-H001</td> <td>OAK-78-F-H005</td> <td></td> </tr> </table>				ATL-78-F-H003	IAD-78-F-H001	OAK-78-F-H006	ATL-78-F-H004	IAD-78-F-H002	OAK-78-F-H007	ATL-78-F-H008	IAD-78-F-H003	OAK-78-F-H008	ATL-78-F-H012	IAD-78-F-H004	OAK-78-F-H010	ATL-78-F-H013	IAD-78-F-H005	OAK-79-F-H001	ATL-78-F-H014	MKC-78-F-H004	OAK-79-F-H002	ATL-78-F-H015	MKC-78-F-H005		ATL-78-F-H016	OAK-78-F-H003		ATL-78-F-H017	OAK-78-F-H004		ATL-79-F-H001	OAK-78-F-H005	
ATL-78-F-H003	IAD-78-F-H001	OAK-78-F-H006																															
ATL-78-F-H004	IAD-78-F-H002	OAK-78-F-H007																															
ATL-78-F-H008	IAD-78-F-H003	OAK-78-F-H008																															
ATL-78-F-H012	IAD-78-F-H004	OAK-78-F-H010																															
ATL-78-F-H013	IAD-78-F-H005	OAK-79-F-H001																															
ATL-78-F-H014	MKC-78-F-H004	OAK-79-F-H002																															
ATL-78-F-H015	MKC-78-F-H005																																
ATL-78-F-H016	OAK-78-F-H003																																
ATL-78-F-H017	OAK-78-F-H004																																
ATL-79-F-H001	OAK-78-F-H005																																
17. Key Words Commercialized Van; Core area; Rollover; Ran-off-Roadway; Guardrail; Excessive speed for traffic conditions; Steering wheel impact; Rainstorm Non-standard Furniture; Interior Van components; Intersection collision; Occupant restraint; door latches; Door hinges; Alcohol impaired driver; Failure of driver seat swivel plate; Failure of component anchorages; Occupant ejections; Tire Bead Failure;		18. Distribution Statement This document is available to the public through the National Technical Information Service, Springfield, Virginia 22151																															
19. Security Classification (of this report) UNCLASSIFIED	20. Security Classification (of this page) UNCLASSIFIED	21. No. of Pages 27	22. Price A03-H41																														

**NATIONAL TRANSPORTATION SAFETY BOARD**  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-163-79

Location:

Highway Accident Number: ATL-78-F-H063

Road N. E. Road City Atlanta Time: (local) 0015 Date: 7/14/78 Weather: Clear Light Condition: Darkness  
Intersecting Street I-85 State Georgia

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1965</u>	<u>Chevrolet</u>		<u>Van</u>	<u>Privately owned</u>	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The van was traveling N.E. on I-85 and turned right onto the ramp leading to N.E. Road. The vehicle ran off the left side of the pavement and the left wheel struck an 8-inch-high concrete curb. The left front tire was torn, the vehicle entered the banked gore area and proceeded to gyrate end-for-end, and rolled upright to final rest.

Probable Cause: 1. Excessive speed, late perception of ramp turn off, and erroneous behavior of the driver to react with prudence when exiting at night from an interstate highway onto an unlighted exit ramp.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Other Factors: 1. The driver of the van under the influence of alcohol.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>1</u>	<u>Driver of van</u>			

Probable Cause of Casualty:  
1. Body of driver made contact with the steering wheel  
2. and the driver's left door resulted in internal injuries.  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$800  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-164-79

Location: Road Exit Ramp, I-285 City Atlanta  
Intersecting Street I-20 State Georgia

Highway Accident Number: ATL-78-F-8004

Time: (Local) 0020 Date: 7/25/78 Weather: Dry Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1975	Dodge	B-100	Van	Privately owned	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Van braked for auto ahead in ramp, then lost control, swerving left. Van struck left guardrail, swerved to the right and struck right guardrail, swerved left again, striking left rail second time, then went right striking right rail at an obtuse angle. The van flipped toward the driver's side onto its roof.

- Probable Causes:
1. The failure of the van driver to maintain control of his vehicle.
  2. Follow too closely.
  3. Speed too great for traffic and road conditions.

- Other Factors:
1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				1	Driver of van

- Probable Cause of Casualty:
1. Steering wheel impact and roof crush.
  2. \_\_\_\_\_
  3. \_\_\_\_\_

Property Losses:  
Vehicles: \$2,000  
Other Property: None

**NATIONAL TRANSPORTATION SAFETY BOARD**  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-145-79

Location: Road U.S. Route 71 City Shreveport  
Intersecting Street St. Rt. 173 State Louisiana

Highway Accident Number: ATL-78-F-0008

Time: (local) 6:55 Date: 7/27/78 Weather: Raining 68°F Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1973	Mack	Tractor	COV	Wilson/Strickland Transfer Co.	Dallas, Texas
2.	1973	Freuhauf	Trailer		Wilson/Strickland Transfer Co.	Dallas, Texas
3.	1969	Lodge	A120	Van	Privately owned	

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) There were no evidence or indications of precrash human or vehicle defects to contribute to cause of accident. Accident occurred in blinding rainstorm. Articulated truck jackknifed on wet pavement, crossed centerline, and struck van. Combined impact speed at 100 mph. Both truck and van went off of road and damaged fence. No fire. No ejections.

Probable Cause: 1. Failure of truckdriver to maintain lateral lane position.  
2. Speeds of both vehicles in excess of those warranted for adverse weather conditions.  
3. Jackknife of articulated vehicle.

Other Factors: 1. Non-standard furniture in van not adequately anchored.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	1	Driver of van		1	Driver of truck
	2	Passenger in van		3	Passengers of van

Probable Cause of Casualty:  
1. Impact with interior components of van  
2. Crash - injuries due to furniture shift  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$7,000  
Other Property: \$200

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: NY-85-78

Highway Accident Number: ATL-78-F-HC12

Location: Exit McEver Road City Flowery Time: (local) 1710 Date: 6/17/78 Weather: Clear Light Condition: Daylight

Intersecting Street: Light Ferry Rd State: Georgia

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1967	Ford	E140	Van	Privately owned	
2.	1977	Chevrolet	Impala	2-door sedan	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Chevrolet was traveling east on McEver Road, van was attempting to cross McEver Road against red traffic signal. Chevrolet swerved to avoid collision but was struck on left side by Ford. After impact the Chevrolet went out of control and overturned on McEver Road several times.

Probable Cause: 1. Failure of driver of Chevrolet to obey red traffic signal control.  
2. Failure to yield right-of-way to vehicle in intersection.  
3. \_\_\_\_\_

Other Factors: 1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				8	Driver and 7 passengers, Veh. #1
				1	Driver - Veh. #2

Probable Cause of Casualty:

- Failure of occupants to use restraints.
- Loose items on floor of the van.
- Failure of door latches and hinges allowing van doors to open during rollovers.

Property Losses:  
Vehicles: \$4,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20596

Reporting Agency: Atlanta Field Office

Docket Number: HY-86-73

Location: Road Valley Hill Road City Jonesboro  
Intersecting Street Tera Blvd State Georgia

Highway Accident Number: ATL-78-F-HC 10

Time: (local) 1832 Date: 7/8/78 Weather: Raining Light Condition: Daylight

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1971	Ford	Mustang	Sedan	Privately owned	
2.	1974	Ford	Econoline 100	Van	Privately owned	
3.	1972	Chevrolet	2 Ton	Refuse Truck	Michael Benjamin Lindsey	

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Vehicle #1 stopped at the stop sign, Vehicle #2 stopped behind vehicle #1. Driver of vehicle #3 traveling in the direction of #1 and #2 applied the brakes and apparently skidded into the rearend of vehicle #2, pushing the front end of vehicle #2 into the rearend of vehicle #1.

Probable Cause: 1. Excessive speed for weather and traffic conditions and  
2. failure to have vehicle under control.  
3. \_\_\_\_\_

Other Factors: 1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities: Number: (Driver, passenger, pedestrian) 4 Driver & 3 pass. of veh. #2  
Injuries: Number: (Driver, passenger, or pedestrian) \_\_\_\_\_  
\_\_\_\_\_

Probable Cause of Casualty:  
1. Impact with interior of van, modifications increased injury  
2. production. Front seat driver and passengers impacted dash  
3. and windshield; failure to use available occupant restraints

Property Losses:  
Vehicles: \$3,200.00  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: NY-87-78

Location:  
Road Whitehall St., SW City Atlanta  
Intersecting Street Hood Street State Georgia

Highway Accident Number: ATL-78-F-H014

Time: (local) 0108 Date: 5/29/78 Weather: Cloudy, Ground Fog Light Condition: Dark/lighted

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1976</u>	<u>Dodge</u>	<u>Tradesman</u>	<u>Van</u>	<u>Privately owned</u>	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Van was traveling west on Whitehall St. (a four-lane, two-way urban roadway). It left the travel path to the right and struck a utility pole. The driver of the van stated that he had passed out and lost control of the vehicle. There was evidence that the driver was impaired by alcohol at the time of the crash.

Probable Cause:  
1. Failure of van driver to maintain control of his vehicle.  
2. Inability of alcohol-impaired driver to react.  
3. \_\_\_\_\_

Other Factors:  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
		_____		<u>2</u>	<u>Driver and passenger</u>
		_____			_____
		_____			_____
		_____			_____

Probable Cause of Casualty:  
1. Contact with steering wheel and dash area, occupant  
2. was unrestrained  
3. \_\_\_\_\_

Property Losses:  
Vehicles: Van \$4,000  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-88-78

Location: Martin Luther  
Road King, Jr. Drive City Atlanta  
Intersecting Street Linkwood State Georgia

Highway Accident Number: ATL-78-F-H015

Time: (local) 0220 Date: 5/21/78 Weather: Clear Light Condition: Dark/Lighted

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1970	Ford		2-door sedan	Privately owned	
2.	1977	Dodge	B-200	Van	Privately owned	
3.	1976	Oldsmobile	98	4-door sedan	Privately owned	

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Veh. #1 and #2 traveling east on M. L. King Dr, vehicle #2 attempted to make a left turn onto Linkwood Rd from M. L. King, and was struck in the rear by veh. #1 and pushed into veh. #3 which was traveling west on M. L. King.

Probable Cause: 1. Failure of driver of veh. #1 to slow or stop for veh. #2 that was stopped ahead.  
2. Thereafter striking veh. #2 in the rear forcing it across the centerline into the  
3. path of opposing traffic, veh. #3.

Other Factors: 1. Driver of veh. #1 under the influence of alcohol. Driver of veh. #2 not using his seatbelt also his  
2. seat failed at swivel plate, location of a cabinet installed on the upper wall behind the driver's  
3. seat in direct line where he was propelled when his seat failed.

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				1	Driver, vehicle #2
				3	Passengers vehicle #3

Probable Cause of Casualty:  
1. Driver's head struck corner of cabinet installed on the left  
2. side of the van to the rear and above the driver's seat.  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$10,000  
Other Property: \_\_\_\_\_

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-89-78

Highway Accident Number: ATL-78-F-R016

Location: Road Normandy Drive City Miami Beach Time: (local) 0101 Date: 7/4/78 Weather: Clear - dry Light Condition: Dark/Lighted  
Intersecting Street Rue Notre Dame State Florida

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1973	Oldsmobile	Cutlass	2-door HT	Privately owned	
2.	1977	Ford	Econoline 150	Van	Privately owned	
3.	1977	Ford	Econoline 150	Van	Privately owned	

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Veh. #1, WB in the centerlane of Normandy Dr., Veh. #2 also WB on Normandy in the southern most left lane. Veh. #3 was SB on Rue Notre Dame approaching the stop sign at the intersection with Normandy. Veh. #3 ran the stop sign at the intersection with Normandy. Veh. #3 ran the stop sign at a high rate of speed and the LF of veh. #3 collided with the RF of veh. #1. A chain reaction occurred with the LF and side of veh. #1 striking veh. #2. All three vehicles travelled southwestwardly. Veh. #3 striking a light pole, veh. #2 striking a tree, veh. #1 came to rest on the front lawn of 1316 Normandy Drive.

Probable Cause: 1. The failure of the driver of vehicle #3 to stop at the stop sign and yield the right-of-way at a through intersection.

Other Factors: 1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>1</u>	<u>Driver of vehicle #3</u>		<u>4</u>	<u>Driver &amp; 3 passengers vehicle #1</u>
				<u>4</u>	<u>Driver &amp; passengers of vehicle #2</u>

Probable Cause of Casualty:  
1. Driver of veh. #3 was ejected, his head apparently  
2. struck the curb of the sidewalk. None of the vehicles'  
3. occupants were wearing available seatbelts

Property Losses:  
Vehicles: \$8,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: HY-90-78

Highway Accident Number: ATL-78-F-H017

Location: Road Five Forks Road City Lilburn Time: (local) 1828 Date: 5/6/78 Weather: Clear - dry Light Condition: Daylight  
Intersecting Street Mandalay Dr State Georgia

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1975</u>	<u>Pontiac</u>	<u>Ventura</u>	<u>2-door sedan</u>	<u>Privately owned</u>	
2.	<u>1977</u>	<u>Dodge</u>	<u>B-200</u>	<u>Van</u>	<u>Privately owned</u>	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Pontiac northbound, van was southbound on a 2-lane highway through rolling terrain. Pontiac driver onto eastern shoulder, overcorrected, went into a yaw, crossed both lanes and onto the western shoulder of the southbound lane, then returned to the southbound lane where it was struck in the left side by the van. Impact occurred in the southbound lane near the western shoulder.

Probable Cause: 1. Driver of Pontiac lost control of her vehicle and crossed the centerline of the highway into the path of the van.  
2.   
3. Pontiac driver was under the influence of alcohol.

Other Factors: 1. None  
2.   
3.

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				<u>1</u>	<u>Pontiac driver</u>
				<u>2</u>	<u>Driver and passenger of the van</u>

Probable Cause of Casualty:

- Driver of Pontiac struck steering wheel. Her head was forced
- rearward when chin struck steering wheel and forehead struck
- windshield. None of the occupants of either vehicle were using available restraints.

Property Losses:

Vehicles: \$5,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Atlanta Field Office

Docket Number: NY-161-79

Highway Accident Number: ATL-79-F-8001

Location: Road I-75 City Morrow Time: (local) 1030 Date: 8/1/78 Weather: Clear, dry Light Condition: Daylight  
Intersecting Street post 229.5 Mile- State Georgia

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1977	Ford	Econoline 150	Van	Privately owned	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Van was northbound on I-75 in right hand lane, when the right rear wheel lugs broke and the vehicle went out of control, crossing the left hand lane turning over and coming to rest in the median on its wheels.

Probable Cause: 1. The right rear wheel broke free from its axle causing the driver to lose control of the van.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Other Factors: 1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities: Number: (Driver, passenger, pedestrian) \_\_\_\_\_ Injuries: Number: (Driver, passenger, or pedestrian) 3  
\_\_\_\_\_ Driver & 2 passengers  
\_\_\_\_\_  
\_\_\_\_\_

Probable Cause of Casualty:  
1. Victims thrown about during rollover. Impacting interior  
2. components and sides.  
3. \_\_\_\_\_

Property Losses:  
Vehicles: Van - \$3,000  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Dulles Field Office

Docket Number: HY-137-79

Highway Accident Number: IAD-78-F-HOC1

Location: Road Bealle Hill Road City Accokeek Time: (local) 0020 Date: 8/4/78 Weather: Raining Light Condition: Darkness (nighttime)  
Intersecting Street \_\_\_\_\_ State Maryland

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1974</u>	<u>Ford</u>	<u>Van</u>	<u>100</u>	<u>Privately owned</u>	_____
2.	<u>1962</u>	<u>Volkswagen</u>	<u>2-door</u>	<u>Bug</u>	<u>Privately owned</u>	_____
3.	_____	_____	_____	_____	_____	_____

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors)

Northbound Volkswagen crossed the centerline and struck the southbound Van head-on. Van tried to avoid the Volkswagen by steering to the left since the roadside area to the right was not a safe area.

Probable Cause: 1. Inexperienced, fatigued driver #2  
2. Driver of the Volkswagen was under the influences of alcohol.  
3. Driver of the Volkswagen was fatigued and probably fell asleep.

Other Factors: 1. No roadside clear area as an escape area for the van.  
2. Occupants of vehicle #2 not wearing seatbelts available  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>1</u>	<u>Driver vehicle #2</u>		<u>1</u>	<u>Driver vehicle #1</u>
	<u>2</u>	<u>Passenger vehicle #2</u>			

Probable Cause of Casualty:  
1. Impact forces aggravated by shifting furnishings.  
2. Fractured skulls (2)  
3. Broken neck (1)

Property Losses:  
Vehicles: \$975.00  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Docket Number: HY-160-79

Reporting Agency: Dulles Field Office

Highway Accident Number: IAD-78-F-H002

Location: Road State Route 638 City Richmond Time: (local) 0015 Date: 8/12/78 Weather: Raining Light Condition: Darkness  
 Intersecting Street Rt 1413 State Virginia  
 (Atleer)  
 (Lansdown Rd)

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1968	Ford	200	Van	Privately owned	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Driver of van lost control in curve on wet pavement and ran off of the road. Headon into a tree.

Probable Cause: 1. Driving too fast for condition - exceeded critical speed of the curve. Fatigue  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_

Other Factors: 1. Existing Speed Limit not posted. No advisory speed reduction or curve sign posted in advance of curve.  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				<u>2</u>	<u>Driver and passenger</u>

Probable Cause of Casualty:  
 1. Driver was ejected through windshield, passenger remained in vehicle and was ejected when van hit a ditch on opposite side of road.  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_

Property Losses:  
 Vehicles: \_\_\_\_\_  
 Other Property: \_\_\_\_\_

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Dulles Field Office

Docket Number: HY-166-79

Location: Road E. College Avenue City Salisbury

Highway Accident Number: IAD-78-F-H003

Time: (local) 1115 Date: 8/23/78 Weather: Clear - dry Light Condition: Daylight

Intersecting Street Grant Ave. State Maryland

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1977	Dodge	B-200	Van	Privately owned	
2.	1971	Ford	Maverick	2-door sedan	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The driver of the Ford failed to stop at a stop sign. She was in pursuit of her husband, and was going straight across intersection, failed to see and yield right-of-way to van and both vehicles collided.

Probable Cause: 1. Driver of Ford failed to yield right-of-way at a stop sign.  
2. Driver of Ford was emotionally distraught due to family argument.  
3. \_\_\_\_\_

Other Factors: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number: (Driver, passenger, pedestrian)	Injuries:	Number: (Driver, passenger, or pedestrian)
	_____		2 Driver and passenger - Ford
	_____		10 Driver and passengers of Van
	_____		_____
	_____		_____

Probable Cause of Casualty:  
1. Van occupants main injuries caused by the rear seat failures and not being  
2. equipped with restraints, and the lack of seats for the rear  
3. occupants.

Property Losses:  
Vehicles: \$4,000  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Dalles Field Office

Docket Number: HY-167-79

Location: Road State Route 779 City Fairfax  
Intersecting Street Piper Ln. (St. Rte. 1870) State Virginia

Highway Accident Number: 11D-78-F-H004

Time: (local) 2230 Date: 8/26/78 Weather: Clear - dry Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1977	Chevrolet	Van		Privately owned	
2.	1973	Ford	F-100	Pickup	" "	
3.	1968	Ford	LTD	2-dr sedan	" "	

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Driver of van had been drinking, wandered out of traveled path and hit pickup catapulting it onto the sidewalk and lawn, had second collision with parked Ford.

Probable Cause: 1. Driver of van under influence of alcohol.  
2. Van driver's lack of control due to excessive speed, lack of perception and failure to stay in traffic lane.  
3. \_\_\_\_\_

Other Factors: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities: Number: (Driver, passenger, pedestrian) \_\_\_\_\_  
Injuries: Number: (Driver, passenger, or pedestrian) 1  
Driver of van

Probable Cause of Casualty:  
1. Driver of van struck steering column, was not wearing available seatbelt and shoulder restraint  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$5,000  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Dulles Field Office

Docket Number: HY-157-79

Location:

Highway Accident Number: IAD-78-F-0005

Road Barnaby St., SE City Washington, D.C. Time: (local) 2245 Date: 9/11/78 Weather: Clear - dry Light Condition: Darkness  
Intersecting Street Wheeler Rd. State D.C.  
S.E.

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1973	Chevrolet	20	Van	Privately owned	
2.	1971	Cadillac	Coupe Deville	2-door sedan	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Chevrolet was going southbound when driver lost control and hit the Cadillac which was stopped on the cross street waiting for the green traffic signal, the two vehicles came to rest in the southwest quadrant of the intersection.

Probable Cause: 1. Loss of control as a result of hitting object in roadway while traveling at excessive speed.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Other Factors: 1. Traffic signals were out of synchronization, van driver inattentive to objects in roadway.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				2	Driver and passenger in van

Probable Cause of Casualty:

1. Unrestrained driver struck steering wheel and dashboard.
2. Unrestrained passenger struck door and "A" pillar.
3. Occupants shoved forward by shifting components within the van.

Property Losses:  
Vehicles: \$3,200  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Kansas City Field Office

Docket Number: HY-108-78

Highway Accident Number: MKC-78-F-8004

Location:

Road I-70 City Concordia Time: (local) 1755 Date: 8/12/78 Weather: Clear - dry Light Condition: Daylight  
Intersecting Street Lafayette Cr State Missouri

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1975	Chevrolet		Van	Privately owned	
2.	1971	Chevrolet	Vega	Stationwagon	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Westbound van passed an unknown vehicle, cut in, and struck the stationwagon. The van then skidded out of control around and in front of the westbound stationwagon. The van then slid off the north side of the road overturning five times and came to rest on its top.

Probable Cause: 1. The van driver's improper judgment of closing speed when he attempted to maneuver his vehicle into the right lane behind the stationwagon.  
2. Excessive speed.

Other Factors: 1. Fatigue and alcohol impairment of van driver  
2.  
3.

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>1</u>	<u>Passenger in van</u>		<u>1</u>	<u>Driver of van</u>
				<u>1</u>	<u>Passenger of stationwagon</u>

Probable Cause of Casualty:

- Injuries of van passenger were fatal, coroner's estimate was ruptured spleen or other internal organs. Steering wheel and column are believed to have caused fatal injuries to abdominal region.
- 
- 

Property Losses:  
Vehicles: \$5,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Kansas City Field Office

Docket Number: NY-136-79

Location: Road US Route 70/71 City DeQueen

Highway Accident Number: MKC-78-F-0005

Time: (local) 1325 Date: 8/16/78 Weather: Clear/dry Light Condition: Daylight

Intersecting Street Milepost 10 State Arkansas

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1963	Chevrolet		Van	Privately owned	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The right front tire of the Van experienced an "air-out" apparently due to a tire bead separation due to a defective wheel rim. The Van swerved to the right, descended a 6° embankment, became airborne for 20 feet and collided head-on with a concrete culvert, and then overturned landing on its roof. The driver and one passenger were trapped by shifting cargo. Two passengers were ejected through the windshield area.

Probable Cause: 1. Bead separation of tire at rim resulted in flat tire and loss of control  
2. Defective wheel rim  
3. \_\_\_\_\_

Other Factors: 1. overloading and improper loading of van  
2. Loss of control due to application of brakes by driver  
3. \_\_\_\_\_

Fatalities: Number: (Driver, passenger, pedestrian)  
1 Passenger  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Injuries: Number: (Driver, passenger, or pedestrian)  
1 Driver  
2 Passengers  
\_\_\_\_\_  
\_\_\_\_\_

Probable Cause of Casualty:  
1. Ejection  
2. Trauma injuries from impact  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$7,500  
Other Property: \_\_\_\_\_

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-168-70

Highway Accident Number: OAK-78-F-0003

Location: Road Rancho Drive City Las Vegas Time: (local) 1944 Date: 4/15/78 Weather: Clear - dry Light Condition: Darkness  
Intersecting Street Michael Way State Nevada

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1975</u>	<u>Fiat</u>	<u>131</u>	<u>HS sedan</u>	<u>Privately owned</u>	
2.	<u>1977</u>	<u>Dodge</u>	<u>B-100</u>	<u>Van</u>	<u>Privately owned</u>	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The Fiat stopped at stop sign and then made left turn in front of the van without allowing sufficient clearance. The van struck the rear of the Fiat and forced it off the road to the right.

Probable Causes: 1. Driver of the Fiat failed to yield right of way at a stop sign when making a left turn into thru traffic flow in front of the van.

Other Factors: 1. The Fiat was traveling without lights during hours of darkness.  
2. Driver of the van diverting part of her attention to her husband in the rear of the vehicle.  
3.

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>1</u>	<u>Driver of Fiat</u>		<u>1</u>	<u>Passenger Fiat</u>
				<u>2</u>	<u>Driver and passenger of van</u>

Probable Cause of Casualty:

- Unrestrained driver of the Fiat struck the windshield and upper header during ejection, then rolled and slid on asphalt and dirt road surface
- unrestrained occupants struck components inside of their vehicles.

Property Losses:

Vehicles: \$3,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-159-79

Location: Road I-17, Southbound City Phoenix  
Intersecting Street 208-7 State Arizona

Highway Accident Number: OAK-78-F-8004

Time: (local) 0206 Date: 5/16/78 Weather: Clear - dry Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1967	Dodge		Van	Privately owned	
2.	1977	Chevrolet	4-door	sedan	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) A 1977 Chevrolet sedan forced the van off the road into the median. Van driver overcorrected steering and slid sideways striking several trees. The wheels dug into the soft ground and the van flipped over.

Probable Cause: 1. Reckless operation on the part of the driver of the Chevrolet forcing the van off of the road.  
2. Unforgiving roadside area with no protective barrier for fixed objects.  
3. \_\_\_\_\_

Other Factors: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
		_____		1	Driver of van
		_____			_____
		_____			_____
		_____			_____

Probable Cause of Casualty:  
1. Engine coolant sprayed the van driver causing 1st, 2nd and 3rd degree burns.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Property Losses:  
Vehicles: Van - \$500.00  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-158-79

Location:

Highway Accident Number: CAK-78-F-8005

Road I-10 westbound City Buckeye  
Intersecting Street MP 98 State Arizona

Time: (local) Date: 2250 5/15/78  
Weather: Clear - dry Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1966	Ford	Econoline	Van	Privately owned	
2.	1974	Mack	Truck	Tractor	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Van traveling at approximately 45 to 50 mph was struck in the rear by the truck traveling at 55 to 60 mph. The truck was attempting to pass the van.

Probable Cause: 1. Speed too fast for conditions and failure to maintain control of the vehicle.  
2. Lack of attention.  
3. Improper passing procedure.

Other Factors: 1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				<u>4</u>	<u>Passengers of van</u>
				<u>1</u>	<u>Truckdriver</u>

Probable Cause of Casualty:  
2 unrestrained van passengers were lying on the bed in the rear and were ejected through the left rear door after it was torn off in the collision. Both victims received abrasions and contusions on their bodies when they came into contact with the dirt shoulder. Other van occupants received crush injuries due to contact with interior of van. Unrestrained truckdriver struck steering column.

Property Losses:  
Vehicles: \$1,000  
Other Property: \_\_\_\_\_

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-165-79

Location: Road State Route 85 City Buckeye  
Intersecting Street MP 141.7 State Arizona

Highway Accident Number: OAK-78-F-1006

Time: (local) 0445 Date: 3/24/78 Weather: Clear-dry Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1969	Pontiac	2-door	Sedan	Privately owned	
2.	1977	GMC		Van	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The van was northbound on SR 85 at 42 mph when the southbound Pontiac, traveling at approximately 45 mph, crossed about 15 to 16 ft left of centerline and impacted the van head-on. It was later determined that the driver of the Pontiac had only 3-4 hours of restful sleep in the past 24 hours prior to the accident and had consumed several beers. Blood/alcohol read .07 percent.

Probable Cause:  
1. \_\_\_\_\_  
2. Driver of Vehicle #1 dozed while driving. His BAL was sufficient to impair his driving ability.  
3. \_\_\_\_\_

Other Factors:  
1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>2</u>	<u>Driver &amp; passenger of van</u>		<u>1</u>	<u>Driver of Pontiac</u>
				<u>3</u>	<u>Passengers of the van</u>

Probable Cause of Casualty:

- The van unrestrained driver received massive facial fractures and lacerations. Unrestrained rear seat passenger projected forward
- into back of front seat and windshield. All van occupants were unrestrained.

Property Losses:

Vehicles: \$3,200

Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: NY-162-79

Location:  
Road Lynwood City Phoenix  
Intersecting Street Central State Arizona

Highway Accident Number: OAK-73-F-1007

Time: (local) 0037 Date: 5/19/78 Weather: Clear & dry Light Condition: Darkness

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1978</u>	<u>Dodge</u>		<u>Van</u>	<u>Private'y owned</u>	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Southbound van attempted to make a right turn, lost control of vehicle and ran into a palm tree.

Probable Cause:  
1. Driver's inattention to driving environment.  
2. Improper left turn from wrong lane.  
3. Speed too fast for conditions.

Other Factors:  
1. None  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				<u>1</u>	<u>Driver of van</u>

Probable Cause of Casualty:  
1. Unrestrained van driver struck "A" pillar and door frame.  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$1,000  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-126-79

Location: Road State Route 65 City Bakersfield

Highway Accident Number: OAK-78-F-H008

Time: (local) 1315 Date: 5-29-78 Weather: Clear - dry Light Condition: Daylight  
Intersecting Street None State California

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1977	Chevrolet	2-door	Camaro	Owned by private driver	
2.	1972	Chevrolet	Van	Sportsvan	Owned by private driver	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) 1977 Chevrolet was northbound at an estimated 80 mph. On a left curve, vehicle ran off road, overcorrected, swerved across the two-lane highway and off of the road on the left shoulder. The driver again overcorrected and reentered road striking the southbound 1972 Chevrolet headon. The speed of the 1972 Chevrolet was estimated at 55 mph. Fuel tanks of both vehicles ruptured, fire ensued and both vehicles were destroyed by fire.

- Probable Cause:
- Excess speed by vehicle #1.
  - Vehicle #1 ran off roadway loss of control due to shoulder drop.
  - Fuel System failure resulting in fire.

- Other Factors:
- Jammed doors of vehicle #1 precluded escape from burning vehicle.
  - 
  -

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
	<u>1</u>	<u>Driver - vehicle #1</u>		<u>2</u>	<u>Passengers - vehicle #2</u>
	<u>1</u>	<u>Driver - vehicle #2</u>			
	<u>3</u>	<u>Passengers - vehicle #1</u>			
	<u>2</u>	<u>Passengers - vehicle #2</u>			

- Probable Cause of Casualty:
- Impact forces
  - Fire injuries
  -

Property Losses:  
Vehicles: \$5,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Docket Number: HY-110-78

Reporting Agency: Oakland Field Office

Highway Accident Number: OAK-78-F-H010

Location: Road State Route 1 City Monteray Time: (local) 1300 Date: 9/23/78 Weather: Clear & Dry Light Condition: Davlight  
Intersecting Street None State California

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1970</u>	<u>Ford</u>	<u>E-100</u>	<u>Van</u>	<u>Privately owned</u>	
2.	<u>1965</u>	<u>Ford</u>	<u>Fairlane</u>	<u>2-door sedan</u>	<u>Privately owned</u>	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The van crossed the centerline and struck the Ford traveling in the opposite direction.

Probable Cause: 1. Loss of control due to improper brake adjustment  
2. Inadequate maintenance.  
3. \_\_\_\_\_

Other Factors: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
				<u>1</u>	<u>Driver of van</u>

Probable Cause of Casualty: 1. Unrestrained van driver impacted the steering wheel.  
2. windshield, stereo, and CB radios  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$5,000  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-111-78

Location:

Highway Accident Number: OAK-79-F-H001

Road State Route 17 City Oakland Time: (local) 0745 Date: 9/3/78 Weather: Clear - dry Light Condition: Daylight

Intersecting Street 1/2 m south State California of 66th Ave.

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	1976	Ford	Granada	4-door sedan	Privately owned	
2.	1977	Dodge	Tradesman	Van	Privately owned	
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) The driver of the southbound Ford stopped in the middle of a 4-lane highway to inspect the left front tire. Van driver not paying attention struck the Ford and driver of the Ford.

Probable Cause: 1. Improper stopping in traveled lane. Driver of Ford became a pedestrian on heavily traveled road.  
2. Van driver inattentive and traveling too fast for conditions.  
3. \_\_\_\_\_

Other Factors: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
		_____		1	Driver of Ford
		_____		1	Driver of van
		_____			
		_____			

Probable Cause of Casualty:  
1. Most injuries were caused by impact with steering wheel  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Property Losses:  
Vehicles: \$7,500  
Other Property: None

NATIONAL TRANSPORTATION SAFETY BOARD  
Washington, D.C. 20594

Reporting Agency: Oakland Field Office

Docket Number: HY-112-78

Location:  
Road County Route 13 City Craig  
Intersecting Street Milepost 86 State Colorado

Highway Accident Number: OAK-79-F-H002

Time: (local) 1145 Date: 10/7/78 Weather: Clear - dry Light Condition: Daylight

Vehicle:	Year	Make	Model	Type	Operator: (if commercial)	City & State of Business
1.	<u>1977</u>	<u>Chevrolet</u>	<u>620</u>	<u>Van</u>	<u>Privately owned</u>	
2.						
3.						

Accident Description: (Type of accident and presence or absence of significant key precrash, crash, and postcrash factors) Southbound van drove off right side of a left curve and traveled down steep embankment and onto gravel service road where it collided first with a cattle guard, then collided with embankment, then rolled on its left side.

Probable Cause: 1. The driver failed to negotiate a curve to the left and continued off the roadway due to  
2. excessive speed and fatigue.  
3. \_\_\_\_\_

Other Factors: 1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_

Fatalities:	Number:	(Driver, passenger, pedestrian)	Injuries:	Number:	(Driver, passenger, or pedestrian)
		_____		<u>2</u>	<u>Driver &amp; passenger of van</u>
		_____		_____	_____
		_____		_____	_____
		_____		_____	_____

Probable Cause of Casualty:  
1. Unrestrained passenger was ejected when the vehicle first impacted  
2. ground prior to rollover. Unrestrained driver struck steering  
3. wheel, windshield and "A" pillar.

Property Losses:  
Vehicles: \$5,500  
Other Property: None