



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	BOSTON, MA	<b>Accident Number:</b>	NYC87LA117
<b>Date &amp; Time:</b>	04/06/1987, 2210 EST	<b>Registration:</b>	N811BE
<b>Aircraft:</b>	BEECH 1900	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 10 None
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Scheduled		

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## Analysis

DURING TAXI OPERATIONS IN PREPARATION FOR A TAKEOFF FROM BOSTON LOGAN AIRPORT, THE BEECH AIRCRAFT WAS STRUCK BY A GROUND VEHICLE AND SUBSTANTIALLY DAMAGED.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

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Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: TAXI - TO TAKEOFF

### Findings

1. OBJECT - VEHICLE
2. LIGHT CONDITION - DARK NIGHT
3. (C) VISUAL LOOKOUT - INADEQUATE - DRIVER OF VEHICLE
4. (C) CLEARANCE - NOT MAINTAINED - DRIVER OF VEHICLE

## Factual Information

### Pilot Information

<b>Certificate:</b>	Airline Transport; Commercial	<b>Age:</b>	37, Male
<b>Airplane Rating(s):</b>	Multi-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last Medical Exam:</b>	12/29/1986
<b>Occupational Pilot:</b>	<b>Last Flight Review or Equivalent:</b>		
<b>Flight Time:</b>	5660 hours (Total, all aircraft), 290 hours (Total, this make and model), 5300 hours (Pilot In Command, all aircraft), 270 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	BEECH	<b>Registration:</b>	N811BE
<b>Model/Series:</b>	1900 1900	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	UB49
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	19
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	14000 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Turbo Prop
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	P&W
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	PT6A-2B
<b>Registered Owner:</b>	BUSINESS EXPRESS	<b>Rated Power:</b>	680 hp
<b>Operator:</b>	BUSINESS EXPRESS	<b>Air Carrier Operating Certificate:</b>	Commuter Air Carrier (135)

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	, 0 ft msl	Observation Time:	0000
Distance from Accident Site:	0 Nautical Miles	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Temperature/Dew Point:	4° C
Lowest Ceiling:	Unknown / 0 ft agl	Visibility	5 Miles
Wind Speed/Gusts, Direction:	14 knots, 30°	Visibility (RVR):	0 ft
Altimeter Setting:	29 inches Hg	Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	BOSTON, MA (BOS)	Type of Flight Plan Filed:	VFR
Destination:	ALBANY, NY (ALB)	Type of Clearance:	VFR
Departure Time:	2210 EST	Type of Airspace:	Class G

## Airport Information

Airport:	BOSTON LOGAN (BOS)	Runway Surface Type:	
Airport Elevation:	20 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	8 None	Aircraft Fire:	None
Ground Injuries:	1 Serious	Aircraft Explosion:	None
Total Injuries:	1 Serious, 10 None	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	CHAUNCEY D TWINE, JR.	Adopted Date:	11/29/1988
Additional Participating Persons:			
Publish Date:			
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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