



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	COLUMBUS, OH	<b>Accident Number:</b>	NYC91LA163
<b>Date &amp; Time:</b>	07/01/1991, 2152 EDT	<b>Registration:</b>	N458J
<b>Aircraft:</b>	Learjet LR25B-XR	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

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## Analysis

N458J WAS LANDING DURING A RAIN SHOWER. AS THE AIRPLANE STARTED TO FLARE FOR LANDING, THE WIND CAUSED IT TO DRIFT TO THE RIGHT. THE PILOT STARTED TO CORRECT THIS DRIFT, AS THE RAIN BECAME HEAVIER. DURING THE TOUCHDOWN, THE PILOT LOST VISUAL REFERENCE WITH THE RUNWAY, YET HE CONTINUED WITH THE LANDING ROLL. THE AIRPLANE DRIFTED OFF THE LEFT SIDE OF THE RUNWAY AND RAN INTO SOFT TERRAIN.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE PILOT TO MAINTAIN VISUAL REFERENCE WITH THE RUNWAY DURING A LANDING, WHICH RESULTED IN A LOSS OF DIRECTIONAL CONTROL. ALSO CAUSAL TO THE ACCIDENT WAS THE PILOT'S FAILURE TO INITIATE A GO-AROUND, AFTER HE LOST SIGHT OF THE RUNWAY DURING THE TOUCHDOWN. FACTORS RELATED TO THE ACCIDENT WERE THE HEAVY RAIN AND THE LACK OF RUNWAY CENTERLINE LIGHTS.

## Findings

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Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

1. (F) WEATHER CONDITION - RAIN
2. (C) VISUAL LOOKOUT - NOT MAINTAINED - PILOT IN COMMAND
3. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. (C) GO-AROUND - NOT PERFORMED - PILOT IN COMMAND
5. (F) AIRPORT FACILITIES,CENTERLINE LIGHTS - UNAVAILABLE

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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

### Findings

6. TERRAIN CONDITION - SOFT

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Occurrence #3: MAIN GEAR COLLAPSED  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Airline Transport	<b>Age:</b>	37, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	Airplane Single-engine	<b>Toxicology Performed:</b>	Yes
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last Medical Exam:</b>	02/19/1991
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	9450 hours (Total, all aircraft), 4156 hours (Total, this make and model), 9250 hours (Pilot In Command, all aircraft), 255 hours (Last 90 days, all aircraft), 65 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Learjet	<b>Registration:</b>	N458J
<b>Model/Series:</b>	LR25B-XR LR25B-XR	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	106
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	3
<b>Date/Type of Last Inspection:</b>	01/02/2000, Unknown	<b>Certified Max Gross Wt.:</b>	16300 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Turbo Jet
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	GE
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	CJ-610-6
<b>Registered Owner:</b>	NEW CREATIONS, INC.	<b>Rated Power:</b>	2950 lbs
<b>Operator:</b>	NEW CREATIONS, INC.	<b>Air Carrier Operating Certificate:</b>	On-demand Air Taxi (135)
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	B54A

## 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:	
Lowest Ceiling:	Broken / 2500 ft agl	Visibility	2 Miles
Wind Speed/Gusts, Direction:	5 knots, 140°	Visibility (RVR):	0 ft
Altimeter Setting:		Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	PHILADELPHIA, PA (PHL)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	2035 EDT	Type of Airspace:	

## Airport Information

Airport:	PORT COLUMBUS (CMH)	Runway Surface Type:	Asphalt
Airport Elevation:	810 ft	Runway Surface Condition:	Wet
Runway Used:	1	IFR Approach:	ILS
Runway Length/Width:	10700 ft / 150 ft	VFR Approach/Landing:	

## Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	Charles F Leonard	Adopted Date:	05/07/1993
Additional Participating Persons:	ASI JAMES E. YARBROUGH; COLUMBUS, OH		
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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