



National Transportation Safety Board Aviation Accident Final Report

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

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

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

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

Findings

6. TERRAIN CONDITION - SOFT

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

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	37, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	02/19/1991
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	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

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

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	2 Miles
Lowest Ceiling:	Broken / 2500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
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	Report 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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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