



Aviation Investigation Final Report

Location:	ADDISON, Texas	Accident Number:	FTW85LA099
Date & Time:	January 19, 1985, 19:20 Local	Registration:	N96DD
Aircraft:	PIPER PA-23-250	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PLT STATED THAT ON TOUCHDOWN, THE ACFT VEERED LEFT & WENT OFF THE EDGE OF THE 30' WIDE RWY. THE NOSE GEAR THEN COLLAPSED IN SOFT TERRAIN BEFORE THE PLT COULD GET THE ACFT BACK ON THE RWY SURFACE. AT 1900 CST, THE WIND WAS FROM 360 DEG AT 30 GUSTING 40 KTS.

Probable Cause and Findings

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

Findings

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

Findings

1. (F) LIGHT CONDITION - DARK NIGHT
2. (F) WEATHER CONDITION - HIGH WIND
3. (F) WEATHER CONDITION - CROSSWIND
4. (F) WEATHER CONDITION - GUSTS
5. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
6. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
7. GROUND LOOP/SWERVE - UNCONTROLLED

Occurrence #2: NOSE GEAR COLLAPSED
Phase of Operation: LANDING

Findings

- 8. (F) TERRAIN CONDITION - SOFT
- 9. LANDING GEAR,NOSE GEAR - OVERLOAD

Factual Information

Pilot Information

Certificate:	Private	Age:	55, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	August 4, 1983
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N96DD
Model/Series:	PA-23-250 PA-23-250	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	27-2057
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	4800 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:		Engine Model/Series:	O-540-A1D5
Registered Owner:	LAWRENCE O. LOWE	Rated Power:	250 Horsepower
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night/dark
Observation Facility, Elevation:	ADS ,700 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	19:00 Local	Direction from Accident Site:	180°
Lowest Cloud Condition:	Clear	Visibility	7 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	30 knots / 40 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	360°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	2°C / -5°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	ADDISON , TX (ADS)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	00:00 Local	Type of Airspace:	Airport advisory area

Airport Information

Airport:	DALLAS AIR PARK F69	Runway Surface Type:	Asphalt
Airport Elevation:	695 ft msl	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	
Runway Length/Width:	3000 ft / 30 ft	VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	32.960533,-96.830673(est)

Administrative Information

Investigator In Charge (IIC):	Wandel, Warren
Additional Participating Persons:	JEFF OUTLAW; DALLAS , TX
Original Publish Date:	
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=21659

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