



National Transportation Safety Board Aviation Accident Data Summary

Location:	Telluride, CO	Accident Number:	DFW08CA221
Date & Time:	09/01/2008, 1630 MDT	Registration:	N839QS
Aircraft:	CESSNA 560	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Analysis

On final approach to land, the twin-jet airplane encountered an increasing headwind accompanied by a "Caution Wind shear" audio alert, while approximately 50 feet above ground level. The airplane landed hard and bounced several times before departing the left side of the runway. The airplane came to rest in an upright position and the pilot and copilot were able to exit unassisted. The forward pressure bulkhead, fuselage, and left aileron sustained structural damage during the accident. In addition, the nose wheel assembly was found separated from the fuselage. An examination of the nose wheel assembly revealed that the fracture was consistent with an overload failure. No anomalies were reported with the airplane's flight controls or engines.

Flight Events

Approach-VFR pattern final - Windshear or thunderstorm
Landing-flare/touchdown - Abnormal runway contact
Landing-landing roll - Loss of control on ground
Landing-landing roll - Runway excursion

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain control during landing. A factor was the reported wind shear.

Findings

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C
Environmental issues-Conditions/weather/phenomena-Wind-Windshear-Effect on operation - F

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	48
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	Glider; Gyroplane	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Glider; Instrument Airplane
Flight Time:	14763 hours (Total, all aircraft), 448 hours (Total, this make and model), 14000 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Co-Pilot Information

Certificate:	Airline Transport	Age:	41
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane; Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	5844 hours (Total, all aircraft), 429 hours (Total, this make and model), 2900 hours (Pilot In Command, all aircraft), 39 hours (Last 90 days, all aircraft), 21 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N839QS
Model/Series:	560	Engines:	2 Turbo Fan
Operator:	NetJets Aviation, Inc	Engine Manufacturer:	P&W CANADA
Air Carrier Operating Certificate:	On-demand Air Taxi (135)	Engine Model/Series:	PW535A
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KTEX, 9078 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	6 knots/ 17 knots, 220°
Temperature:	18° C / 4° C	Visibility	10 Miles
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Houston, TX (KSGR)	Destination:	Tellurdie, CO (KTEX)

Airport Information

Airport:	Telluride Regional Airport (KTEX)	Runway Surface Type:	Asphalt
Runway Used:	09	Runway Surface Condition:	Dry
Runway Length/Width:	6870 ft / 100 ft		

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

Administrative Information

Investigator In Charge (IIC):	William H Gamble	Adopted Date:	01/22/2009
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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