

National Transportation Safety Board
Washington, DC 20594

Printed on : 12/07/2013 07:23:01 AM

Brief of Accident

Adopted 06/19/2013

CEN12FA606 File No. 31240	09/05/2012	Fort Worth ,TX	Aircraft Reg No. N69924	Time (Local): 09:49 CDT		
Make/Model:	Cessna/421B			Fatal	Serious	Minor/None
Engine Make/Model:	Cont Motor / GTSIO-520-C		Crew	0	1	0
Aircraft Damage:	Substantial		Pass	0	1	0
Number of Engines:	2					
Operating Certificate(s):	None					
Type of Flight Operation:	Business					
Reg. Flight Conducted Under:	Part 91: General Aviation					
Last Depart. Point: Same as Accident/Incident Location				Condition of Light: Day		
Destination: San Antonio, TX				Weather Info Src: Weather Observation Facility		
Airport Proximity: On Airport/Airstrip				Basic Weather: Visual Conditions		
Airport Name: Fort Worth Spinks Airport				Lowest Ceiling:		
Runway Identification: 17R				Visibility: 10.00 SM		
Runway Length/Width (Ft): 6002 / 100				Wind Dir/Speed: 210 / 004 kts		
Runway Surface: Asphalt				Temperature (°C): 30		
Runway Surface Condition: Dry				Precip/Obscuration:		
Pilot-in-Command	Age: 46			Flight Time (Hours)		
Certificate(s)/Rating(s)				Total All Aircraft: 3800		
Airline Transport; Commercial; Multi-engine Land; Single-engine Land				Last 90 Days: 31		
Instrument Ratings				Total Make/Model: 897		
Airplane				Total Instrument Time: 641		

*** Note: NTSB investigators either traveled in support of this investigation or conducted a significant amount of investigative work without any travel, and used data obtained from various sources to prepare this aircraft accident report. ***

The commercial pilot was distracted by the nose cargo door popping open during takeoff; the airplane stalled and collided with trees off the end of the runway. The pilot said there were no mechanical problems with the airplane or engines and that he was fixated on the cargo door and lost control of the airplane. He also said that due to stress, he was not mentally prepared to handle the emergency situation.

Updated at Jun 19 2013 8:59AM

Brief of Accident (Continued)

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OCCURRENCES

Takeoff - Aerodynamic stall/spin
Takeoff - Loss of control in flight

FINDINGS

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C
Personnel issues-Psychological-Mental/emotional state-Stress-Pilot - F
Aircraft-Aircraft systems-Equipment/furnishings-Cargo compartments-Malfunction - F
Personnel issues-Psychological-Attention/monitoring-Attention-Pilot - F

Findings Legend: (C) = Cause, (F) = Factor

The National Transportation Safety Board determines the probable cause(s) of this accident as follows:
The pilot's failure to maintain airplane control on takeoff, which resulted in an inadvertent stall. Contributing to the accident were the unlatched nose cargo door, the pilot's diverted attention, and the pilot's mental ability to handle the emergency situation.