



National Transportation Safety Board Aviation Accident Data Summary

Location:	ALBUQUERQUE, NM	Accident Number:	DEN89LA113
Date & Time:	05/02/1989, 1415 MDT	Registration:	N9121L
Aircraft:	BELLANCA 7ECA	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PVT PLT WAS COMPLETING A X-COUNTRY FLT WHEN THE ACCIDENT OCCURRED. HE SAID THAT HE HAD TO SWITCH RUNWAYS BECAUSE OF GUSTING AND VARIABLE WINDS. HE SELECTED RWY 21, A 3,100 X 40 FT ASPHALT RWY. THE TOUCHDOWN SEEMED NORMAL BUT THE PLT SAID HE HAD TO USE FULL RIGHT RUDDER THEN FULL LEFT RUDDER TO MAINTAIN DIRECTIONAL CONTROL. THE PLT SAID THAT A SUDDEN GUST FROM THE LEFT AND REAR OF THE ACFT BLEW DUST AND WEEDS ACROSS THE RWY AND LIFTED THE TAIL OF THE ACFT. THE ACFT CAME TO REST INVERTED AND TO THE RIGHT OF THE RWY.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADEQUATE COMPENSATION FOR THE WIND CONDITIONS BY THE PILOT, RESULTING IN A LOSS OF CONTROL DURING LANDING ROLL. VARIABLE AND GUSTING WINDS ARE CONSIDERED A CONTRIBUTING FACTOR.

Findings

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

Findings

1. (F) WEATHER CONDITION - GUSTS
2. (F) WEATHER CONDITION - TAILWIND
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	62
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	341 hours (Total, all aircraft), 285 hours (Total, this make and model), 42 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BELLANCA	Registration:	N9121L
Model/Series:	7ECA 7ECA	Engines:	1 Reciprocating
Operator:	RAINBOW AERO INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-C1
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	12 knots / 20 knots, 250°
Temperature:	24° C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	SANTE FE, NM (SAF)	Destination:	(4AC)

Airport Information

Airport:	COLORADO (4AC)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	3500 ft / 40 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ROBERT B COLLINS	Adopted Date:	08/22/1990
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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