



Aviation Investigation Final Report

Location:	PERRYTON, Texas	Accident Number:	FTW00LA110
Date & Time:	March 13, 2000, 14:00 Local	Registration:	N4833Q
Aircraft:	Cessna A188B	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 137: Agricultural		

Analysis

The pilot reported that he encountered a wind gust during the takeoff roll on runway 17. The airplane ground looped, exited the runway surface, and came to rest to the left side of the runway. The pilot reported that the winds were from 090 degrees at 12 knots gusting to 25 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control during the takeoff roll. A factor was the crosswind.

Findings

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

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. GROUND LOOP/SWERVE - ENCOUNTERED - PILOT IN COMMAND

Factual Information

On March 13, 2000, at 1400 central standard time, a Cessna A188B agricultural airplane, N4833Q, sustained substantial damage following a loss of control during the takeoff roll at the Perryton Ochiltree County Airport, Perryton, Texas. The commercial pilot, sole occupant of the airplane, was not injured. The airplane was registered to and operated by Perryton Aviation, Inc., of Perryton, Texas, under 14 Code of Federal Regulations Part 137 as an aerial application flight. Visual meteorological conditions prevailed and no flight plan was filed for the local flight, which was originating when the accident occurred.

The pilot reported that he encountered a wind gust during the takeoff roll on runway 17 and was "unable to maintain directional control" of the airplane. The airplane ground looped, exited the runway surface to the left side of the runway centerline and came to rest in a grassy area. The pilot reported that the winds at the time of the accident were from 090 degrees at 12 knots gusting to 25 knots. The FAA inspector reported that the airplane's right horizontal stabilizer and right wing incurred structural damage.

Pilot Information

Certificate:	Commercial	Age:	33, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Center
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	February 29, 2000
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	8580 hours (Total, all aircraft), 2500 hours (Total, this make and model), 8346 hours (Pilot In Command, all aircraft), 53 hours (Last 90 days, all aircraft), 53 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4833Q
Model/Series:	A188B A188B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Restricted (Special)	Serial Number:	18802569T
Landing Gear Type:	Tailwheel	Seats:	1
Date/Type of Last Inspection:	February 25, 2000 Annual	Certified Max Gross Wt.:	3300 lbs
Time Since Last Inspection:	19 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	5271 Hrs	Engine Manufacturer:	Continental
ELT:		Engine Model/Series:	IO-520-D
Registered Owner:	PERRYTON AVIATION, INC	Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	TPMG

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	12 knots / 25 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	110°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(PYX)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	
Departure Time:	14:00 Local	Type of Airspace:	Class E

Airport Information

Airport:	PERRYTON OCHILTREE COUNTY PYX	Runway Surface Type:	Asphalt
Airport Elevation:	2915 ft msl	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	
Runway Length/Width:	4989 ft / 75 ft	VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	36.389549,-100.799972(est)

Administrative Information

Investigator In Charge (IIC):	Snyder, Georgia
Additional Participating Persons:	JACK M SWENSON; LUBBOCK , TX
Original Publish Date:	November 29, 2000
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=51130

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