



National Transportation Safety Board Aviation Accident Data Summary

Location:	Arcola, TX	Accident Number:	DFW08CA054
Date & Time:	01/01/2008, 1600 CST	Registration:	N579RM
Aircraft:	Micco Aircraft Company MAC-145B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The private pilot was conducting a touch-and-go in a tailwheel-equipped airplane with a direct crosswind component of 15 knots gusting up to 20 knots from the left side of the airplane. During landing, the crosswinds began pushing the airplane to the right side of the runway. While correcting back to centerline the pilot reported that a combination of over-correction and gusty crosswinds caused a loss of control. The airplane ground looped, departed the left side of the runway, and came to rest upright with the nose of the aircraft pointed approximately 180 degree from runway heading. Damage was sustained to the wing spar.

Probable Cause

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

Findings

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

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Pilot Information

Certificate:	Commercial; Private	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1000 hours (Total, all aircraft), 260 hours (Total, this make and model), 870 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Micco Aircraft Company	Registration:	N579RM
Model/Series:	MAC-145B	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-540
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SGR	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	15 knots/ 20 knots, 360°
Temperature:	13°C / -10°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	GONZALES, TX (T20)	Destination:	HOUSTON, TX (AXH)

Airport Information

Airport:	HOUSTON-SOUTHWEST (AXH)	Runway Surface Type:	Asphalt
Runway Used:	090	Runway Surface Condition:	Dry
Runway Length/Width:	5003 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Jason T Aguilera	Adopted Date:	01/31/2008
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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