



National Transportation Safety Board Aviation Accident Data Summary

Location:	Plano, TX	Accident Number:	GAA16CA218
Date & Time:	05/01/2016, 1045 CDT	Registration:	N3386X
Aircraft:	MOONEY M20	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that when he aborted the landing due to gusty wind conditions, the airplane drifted to the left of the runway and impacted a fence.

The airplane sustained substantial damage to both wings.

According to the pilot there were no preimpact mechanical failures or malfunctions with the airframe or engine that would have precluded normal operation.

Flight Events

Landing-flare/touchdown - Other weather encounter

Landing-flare/touchdown - Loss of control on ground

Landing-aborted after touchdown - Runway excursion

Landing-aborted after touchdown - Collision with terr/obj (non-CFIT)

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 during the aborted landing in gusty wind conditions, which resulted in a collision with a fence.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Environmental issues-Conditions/weather/phenomena-Wind-Gusts-Ability to respond/compensate

Pilot Information

Certificate:	Private	Age:	68
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 1610 hours (Total, all aircraft), 1160 hours (Total, this make and model), 1610 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	MOONEY	Registration:	N3386X
Model/Series:	M20 F	Engines:	1 Reciprocating
Operator:	James M. McCrum	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-360-A1A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KADS, 644 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:	13 knots/ 19 knots, 350°
Temperature:	17° C / 10° C	Visibility	27 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	LUBBOCK, TX (F82)	Destination:	Plano, TX (F69)

Airport Information

Airport:	AIR PARK-DALLAS (F69)	Runway Surface Type:	Asphalt
Runway Used:	34	Runway Surface Condition:	Dry; Rough
Runway Length/Width:	3080 ft / 30 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Jackie L Vanover	Adopted Date:	07/14/2016
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=93121		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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