



National Transportation Safety Board Aviation Accident Data Summary

Location:	West Chicago, IL	Accident Number:	CHI03LA143
Date & Time:	06/01/2003, 2130 CDT	Registration:	N21737
Aircraft:	Mooney M20S	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

The airplane landed hard at night and bounced twice, subsequently veering off the runway and striking several airport lights and signs during an attempted aborted landing. The pilot reported he flared too high and was unable to recover from the bounced landing, he subsequently attempted to abort the landing and was unsuccessful.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper flare, and the pilot's failure to maintain directional control. Contributing factors were the pilot's improper flare and his inadequate recovery from a bounced landing.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) FLARE - IMPROPER - PILOT IN COMMAND
2. (C) RECOVERY FROM BOUNCED LANDING - INADEQUATE - PILOT IN COMMAND
3. (C) ABORTED LANDING - NOT SUCCESSFUL - PILOT IN COMMAND
4. (F) LIGHT CONDITION - NIGHT

Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: LANDING - ROLL

Findings

5. DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

6. (F) OBJECT - AIRPORT SIGN/MARKER

Pilot Information

Certificate:	Commercial	Age:	48
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	1150 hours (Total, all aircraft), 103 hours (Total, this make and model), 1007 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Mooney	Registration:	N21737
Model/Series:	M20S	Engines:	1 Reciprocating
Operator:	Galloway Air LLC	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-550G
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	DPA, 758 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	4 knots / , 120°
Temperature:	13° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Eagle, CO (EGE)	Destination:	West Chicago, IL (DPA)

Airport Information

Airport:	Dupage Airport (DPA)	Runway Surface Type:	Asphalt
Runway Used:	10	Runway Surface Condition:	Dry
Runway Length/Width:	4751 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	41.907778, -88.248611		

Administrative Information

Investigator In Charge (IIC): Jim Silliman

Adopted Date: 12/30/2003

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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