

NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public use aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location

Nearest City/Place: Johnson County Executive Airport, Olathe State: KS
 ZIP: 66062 Country: USA
 Latitude: _____ (dd:mm:ss N/S) Longitude: _____ (ddd:mm:ss E/W)

Date/Time

Date: 03/07/013 Local Time: 1530
 _____ mm/dd/yyyy _____ Time Zone: Central

Phase of Operation

☐ Standing ☒ Takeoff (incl. initial climb) ☐ Cruise ☐ Hover
☐ Taxi ☐ Climb ☐ Maneuvering ☐ Other
☐ Descent ☐ Landing ☐ Approach ☐ Unknown

Collision with Other Aircraft

☐ Midair
☐ On-ground
☐ None

Altitude of In-Flight Occurrence

_____ ft MSL

AIRCRAFT INFORMATION

Manufacturer: Piper

Model: Malibu Mirage (PA-46)

Serial Number: _____

Registration Number: _____ Amateur-built: ☐ Yes ☒ No

Max Gross Weight: _____ lbs

Weight at Time of Accident/Incident: _____ lbs

Location of Center of Gravity at Time of Accident/Incident:

_____ inches from ☐ nose or ☐ datum
 -or- _____ Percent Mean Aerodynamic Cord (% MAC)

Category of Aircraft

☒ Airplane
☐ Balloon
☐ Blimp/Dirigible
☐ Glider
☐ Gyrocraft
☐ Helicopter
☐ Powered lift
☐ Ultralight
☐ Unknown

Type of Airworthiness Certificate (Check all that apply)

Standard

☐ Normal
☐ Utility
☐ Aerobatic
☐ Transport

Special

☐ Restricted
☐ Limited
☐ Provisional
☐ Experimental
☐ Special Flight
☐ Light Sport

Number of Seats: 6

If Large Aircraft, how many seats for:

Flight Crew: _____

Cabin Crew: _____

Passengers: _____

Landing Gear

☒ Retractable

Check any additional landing gear configuration that applies:

☐ Tricycle ☐ Tailwheel
☐ Amphibian ☐ High Skid
☐ Emergency Float ☐ Skid
☐ Float ☐ Ski
☐ Hull ☐ Ski/Wheel
☐ Unknown

Type of Maintenance Program

☐ Annual
☐ Conditional (Amateur-built only)
☐ Manufacturer's Inspection Program
☐ Other Approved Inspection Program (AAIP)
☐ Continuous Airworthiness
☐ Other, specify: _____

Last Inspection Type

☐ 100 Hour ☐ Continuous Airworthiness
☐ AAIP ☐ Conditional Inspection
☐ Annual ☐ Unknown

Date Last Inspection: _____

_____ mm/dd/yyyy

Airframe Total Time: _____ hrs

hours measured at (check one)

☐ Last Inspection ☐ Time of Accident/Incident

IFR Equipped

☒ Yes ☐ No ☐ Unknown

Stall Warning System Installed

☒ Yes ☐ No ☐ Unknown

Type of Fire Extinguishing System

☐ None
☐ Specify _____

ELT Installed

☒ Yes ☐ No

ELT Activated

☐ Yes ☒ No

ELT Manufacturer: _____

Model/Series: _____

Serial Number: _____

Battery Type: _____

Battery Exp. Date: _____

Engine Type

☐ Reciprocating ☐ Turbo Jet
☐ Turbo Shaft ☐ Turbo Fan
☒ Turbo Prop ☐ Unknown

Reciprocating Fuel System Type

☐ Carburetor
☒ Fuel Injected

Propeller

☐ Fixed Pitch
☒ Controllable Pitch

Manufacturer: _____

Model: _____

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Engine Rated Power Measured as (check one) ☐ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1								
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: Johnson County Aviation Group, LLCFractional Ownership Aircraft: ☐ Yes ☒ No**Owner Address**City: [REDACTED]State: [REDACTED]Country: USA**Operator of Aircraft**☐ Same As Registered OwnerName: James Brantley ThrasherDoing Business As: Leased the aircraft

Air Carrier/Operator Designator (4 Character Code): _____

Operator Address☐ Same As Registered OwnerCity: [REDACTED]State: [REDACTED]Country: USA**Regulation Flight Conducted Under**

- | | | | |
|--|----------------------------------|---|--|
| ☒ FAR 91 | ☐ FAR 129 | ☐ FAR 91 Special Flight | ☐ Public Use (select type) |
| ☐ FAR 103 | ☐ FAR 133 | ☐ Non-US, Commercial | ☐ Federal ☐ State ☐ Local |
| ☐ FAR 121 | ☐ FAR 135 | ☐ Non-US, Non-commercial | ☐ Unknown |
| ☐ FAR 125 | ☐ FAR 137 | ☐ Armed Forces | |

Revenue Sightseeing Flight☐ Yes ☒ No**Air Medical Flight**☐ Yes ☒ No**Purpose of Flight**

for FAR 91, 103, 133, 137 (Select one)

- ☐ Personal
- ☐ Business
- ☐ Executive/Corporate
- ☐ Other Work Use
- ☐ Instructional
- ☐ Ferry
- ☐ Positioning
- ☐ Aerial Application
- ☐ Aerial Observation
- ☐ Air Drop
- ☐ Air Race / Show
- ☐ Flight Test
- ☐ Public Use
- ☐ Unknown

Revenue Operation

for FAR 121, 125, 129, 135 (Select one)

- ☐ Scheduled or Commuter
- ☐ Non-Scheduled or Air Taxi

Domestic or International☐ Domestic ☐ International**Cargo Operation**

- ☐ Passenger/Cargo
- ☐ Passenger _____ How many?
- ☐ Cargo _____ lbs
- ☐ Mail

Type of Commercial Operating Certificate Held

(Check all that apply)

- ☐ None
- ☐ Flag Carrier Operating Certificate (121)
- ☐ Supplemental
- ☐ Air Cargo
- ☐ Foreign Air Carriers (129)
- ☐ Commuter Air Carrier (135)
- ☐ On-Demand Air Taxi (135)
- ☐ Large Helicopter (127)
- ☐ Rotorcraft External Load (133)
- ☐ - or -
- ☐ Agricultural Aircraft (137)
- ☐ Other Operator of Large Aircraft

OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)

Aircraft Registration Number: _____

Manufacturer: _____

Model: _____

Damage to Other Aircraft☐ Destroyed ☐ Minor
☐ Substantial ☐ None**Registered Owner of Other Aircraft**

First Name: _____

Middle Initial: _____

Last Name: _____

City: _____

State: _____

ZIP: _____

Country: _____

Pilot of Other Aircraft

First Name: _____

Middle Initial: _____

Last Name: _____

City: _____

State: _____

ZIP: _____

Country: _____

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No ☐ Unknown

(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

Total Time/Cycles On Part

_____ Hours

_____ Cycles

Time Since This Part Inspected/Overhauled

_____ Hours

DAMAGE TO AIRCRAFT AND OTHER PROPERTY**Aircraft Damage**☐ None ☒ Substantial
☐ Minor ☐ Destroyed**Aircraft Fire**☒ None ☐ Both Ground and In-Flight
☐ In-Flight ☐ Unknown Origin
☐ On-Ground**Aircraft Explosion**☒ None ☐ Both Ground and In-Flight
☐ In-Flight ☐ Unknown Origin
☐ On-Ground

Description of Damage to Aircraft and Other Property (use additional sheet if necessary)
Damage to prop, engine and firewall. The nose-wheel collapsed and the cowl was damaged.

AIRPORT INFORMATION (If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)

Airport Identifier: KOJC

Distance From Airport Center: _____ SM

Airport Name: Johnson County Executive Airport

Direction From Airport: _____ degrees MAG

Proximity to Airport ☐ Off Airport/Airstrip ☐ On Airport ☒ On Airstrip

Airport Elevation: 1096 ft. MSL

Approach Segment (Select one)

☐ On Instrument Approach ☐ Landing ☐ Base leg ☐ Final ☐ Go Around
☐ Crosswind ☐ Downwind ☐ Low Approach ☐ Aborted Landing (after touchdown)

IFR Approach (Check all that apply)

☐ None ☐ PAR ☐ MLS ☐ Practice
☐ ADF/ND3 ☐ Sidestep ☐ LDA ☐ GPS
☐ SDF ☐ ILS ☐ ASR ☐ Loran
☐ VOR/T VOR ☐ Localizer Only ☐ Visual ☐ Unknown
☐ VOR/DME ☐ LOC-back course ☐ Contact
☐ TACAN ☐ RNAV ☐ Circling

VFR Approach (Check all that apply)

☐ None ☐ Stop and Go
☐ Traffic Pattern ☐ Touch and Go
☐ Straight-In ☐ Simulated Forced Landing
☐ Valley/Terrain Following ☐ Forced Landing
☐ Go Around ☐ Precautionary Landing
☐ Full Stop ☐ Unknown

Runway Information

Runway ID: 18 (L/R/C) Length: 4098 ft Width: 75 ft

Runway/Landing Surface (Check all that apply)

☐ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water
☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown
☐ Dirt ☐ Ice ☐ Snow

Condition of Runway/Landing Surface (Check all that apply)

☒ Dry ☐ Snow-Compacted ☐ Water-Calm
☐ Holes ☐ Snow-Crusted ☐ Water-Choppy
☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy
☐ Rough ☐ Snow-Wet ☐ Wet
☐ Rubber Deposits ☐ Soft ☐ Unknown
☐ Slush Covered ☐ Vegetation

FLIGHT ITINERARY INFORMATION

Last Departure Point

Airport ID: _____

City: _____

State: _____

Country: _____

Time of Departure

Time: _____

Time Zone: _____

Destination

Airport ID: _____

City: _____

State: _____

Country: _____

Type Flight Plan Filed

☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR

Activated? ☐ Yes ☐ No

Type of ATC Clearance/Service (Check all that apply)

☐ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise
☒ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

☐ Class A ☐ Class E ☐ Prohibited Area ☐ Jet Training Area ☐ Special
☐ Class B ☐ Class G ☐ Restricted Area ☐ TRSA ☐ Air Traffic Control Area
☐ Class C ☐ Demo Area ☐ Military Operations Area (MOA) ☐ FAR 93 ☐ Unknown
☒ Class D ☐ Warning Area ☐ Airport Advisory Area

Aircraft Load Description (Check all that apply)

☐ None ☐ Towing Glider ☐ Parachutists ☐ Livestock
☒ Passengers ☐ Towing Banner ☐ Water ☐ Unknown
☐ Cargo ☐ Other External ☐ Chemical/Fertilizer/Seeds

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff

(convert from pounds, as necessary)

100 Gallons

Fuel Type

☐ 80/87 ☐ 115/145 ☐ JP3 ☐ Other, specify _____
☒ 100 Low Lead ☐ Jet A ☐ JP4
☐ 100/130 ☐ Automotive ☐ JP5

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☐ Yes ☒ No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE**Weather Observation Facility**Facility ID: KOJCObservation Time: 1500Time Zone: CDTDistance from Accident Site: 0 NM

Direction from Accident Site: _____ degrees MAG

Source of Weather Information

(Check all that apply)

- | | |
|---|-----------------------------------|
| ☐ National Weather Service | ☐ Company |
| ☐ Flight Service Station | ☐ Military |
| ☐ TV/Radio | ☐ Internet |
| ☒ Automated Report | ☐ Unknown |
| ☐ Commercial Weather Service (DUATS) | |

Method of Briefing

(Check all that apply)

- | |
|--|
| ☐ In Person |
| ☐ Teletype |
| ☐ Telephone/Computer |
| ☒ Aircraft Radio |
| ☐ TV/Radio |
| ☐ Unknown |

Briefing Type/Completeness

- | | |
|---|---|
| ☐ Full | ☐ Abbreviated |
| ☐ Partial / Limited By Pilot | ☐ Unknown |
| ☐ Partial / Limited By Briefer | ☒ Not Pertinent |

Light Condition

- | | | |
|---|--------------------------------|---------------------------------------|
| ☐ Dawn | ☐ Dusk | ☐ Dark Night |
| ☒ Day | ☐ Night | ☐ Bright Night |
| | | ☐ Not Reported |

Visibility

> 10 miles

Sky/Lowest Cloud Condition

- | | |
|--|--|
| ☒ Clear | ☐ Thin Broken |
| ☐ Few | ☐ Thin Overcast |
| ☐ Partial Obscuration | ☐ Unknown |
| ☐ Scattered | |

Ceiling

- | | |
|--|-------------------------------------|
| ☒ None (clear) | ☐ Obscured |
| ☐ Broken | ☐ Indefinite |
| ☐ Overcast | ☐ Unknown |

Restriction to Visibility (Check all that apply)

- | | |
|--|-------------------------------------|
| ☒ None | ☐ Fog |
| ☐ Blowing Dust | ☐ Ground Fog |
| ☐ Blowing Sand | ☐ Haze |
| ☐ Blowing Snow | ☐ Ice Fog |
| ☐ Blowing Spray | ☐ Smoke |
| ☐ Dust | ☐ Unknown |

Lowest Cloud Condition Height

ft AGL

Ceiling Height

ft AGL

Wind Direction

- ☐ Indicated 120 degrees MAG
- ☐ Variable

Wind Speed

- Velocity: 7 KTS
- or-
- ☐ Calm
- ☐ Light and Variable

Wind Gusts

- Velocity: _____ KTS
- ☐ Gusting
- ☒ Not Gusting

Type of Turbulence (Check all that apply)

- | | |
|--|---|
| ☒ None | ☐ In Clouds |
| ☐ Clear Air | ☐ Vicinity of Thunderstorm |

Severity of Turbulence

- | | | |
|----------------------------------|--|--------------------------------|
| ☐ Extreme | ☐ Moderate | ☐ Light |
| ☐ Severe | ☐ Moderate Chop | |

NOTAMS (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident

Snow encroaching on the runway giving the useable width of the runway 65 ft instead of 75 ft with 5 ft burms

Temperature: _____ (C)
or _____ (F)Altimeter Setting: _____ in. HG
or _____ MB

Density Altitude: _____ ft

Dew Point: _____ (C)
or _____ (F)**Icing Forecast****Amount**

- | | |
|--|-----------------------------------|
| ☒ None | ☐ Moderate |
| ☐ Trace | ☐ Severe |
| ☐ Light | |

Type

- | |
|--------------------------------|
| ☐ Rime |
| ☐ Clear |
| ☐ Mixed |

Icing Actual**Amount**

- | | |
|--|-----------------------------------|
| ☒ None | ☐ Moderate |
| ☐ Trace | ☐ Severe |
| ☐ Light | |

Type

- | |
|--------------------------------|
| ☐ Rime |
| ☐ Clear |
| ☐ Mixed |

Type of Precipitation (Check all that apply)

- | | |
|--|---|
| ☒ None | ☐ Drizzle |
| ☐ Rain | ☐ Ice Pellets |
| ☐ Snow | ☐ Snow Pellets |
| ☐ Hail | ☐ Snow Grains |
| ☐ Rain Showers | ☐ Ice Crystals |
| ☐ Freezing Rain | ☐ Ice Pellets Shower |
| ☐ Snow Shower | ☐ Freezing Drizzle |

Intensity of Precipitation

- | | | |
|--------------------------------|-----------------------------------|--------------------------------|
| ☐ Light | ☐ Moderate | ☐ Heavy |
|--------------------------------|-----------------------------------|--------------------------------|

PILOT "A" INFORMATION

Pilot "A" Responsibilities at the Time of Accident/Incident

☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

Pilot "A" Identification

First Name: James City: [REDACTED]
 Middle Initial: [REDACTED] State: [REDACTED]
 Last Name: Thrasher Country: [REDACTED]
 Age at time of Accident/Incident: 52 Date of Birth: [REDACTED] Certificate Number: [REDACTED]
 mm dd yyyy

Degree of Injury

☒ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Seat Occupied

☒ Left ☐ Front ☐ Unknown
☐ Right ☐ Rear
☐ Center ☐ Single

Seat Belt

Used ☒ Yes ☐ No
 Available ☒ Yes ☐ No

Shoulder Harness

Used ☒ Yes ☐ No
 Available ☒ Yes ☐ No

Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☒ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

Principal Occupation

☐ Pilot
☒ Other
☐ Unknown

Medical Certificate

☐ None ☒ Class 3
☐ Class 1 ☐ Driver's License (Sport Pilot only)
☐ Class 2 ☐ Unknown

Medical Certificate Validity

☐ Without limitations/waivers
☒ With limitations/waivers
☐ Unknown

Date of Last Medical

03/01/2013
 mm dd yyyy

Medical Certificate Limitations

Must wear corrective lenses

Medical Certificate Waivers

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

06/17/2012
 mm dd yyyy

Flight Review Aircraft

Make: Cessna
 Model: 172 G1000

Airplane Rating(s) (Check all that apply)

☐ None
☒ Single-Engine Land
☐ Single-Engine Sea
☐ Multiengine Land
☐ Multiengine Sea

Other Aircraft Rating(s) (Check all that apply)

☒ None
☐ Airship
☐ Free Balloon
☐ Glider
☐ Gyroplane
☐ Helicopter
☐ Powered Lift

Instrument Rating(s) (Check all that apply)

☐ None
☒ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s) (Check all that apply)

☒ None ☐ Instrument Airplane
☐ Airplane Single-Engine ☐ Instrument Helicopter
☐ Airplane Multi-Engine ☐ Helicopter
☐ Gyroplane ☐ Glider
☐ Powered Lift ☐ Sport

Type Ratings

Student Endorsements (Include dates)

Flight Time (enter appropriate number of hours in each box)

	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	198.6	22.2	198.6	0	9.4	8.7	74.8	0	0	0
Pilot in Command (PIC)	128	22.2	128	0	9.4	8.7	74.8	0	0	0
Time as Instructor										
This Make/Model										
Last 90 Days	24.9	22.2	24.9	0	4.5	3	6	0	0	0
Last 30 Days	2.6	2.6	2.6	0	0	0	0	0	0	0
Last 24 Hours	0									

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State time and point of departure, intended destination, and services obtained. After appropriate preflight inspections, checking the weather and run-up we were cleared for takeoff on RWY 18 with a northwest departure to KLWC. We had checked the weather through ATIS and we knew there was approximately 5 feet of encroachment of packed snow on the sides of the runway. The runway was dry and we took the runway for takeoff. We had 10 degrees of flaps and began to power up. As we reached approximately 50 knots all engine systems appeared green, I began to migrate slightly to the left and gave more right rudder. The aircraft corrected very quickly and I felt I over corrected and went to left rudder. At the same time, the turbos kicked in and the aircraft yawed hard left. Our speed was under rotation speed but fast enough that we quickly veered to the left. I pulled the power and applied brakes but not quickly enough to avoid the snow bank on the left side of the runway. When the main hit the snow, it quickly spun us to the left and when the nose wheel hit the snow bank it collapsed and we had a prop strike. We shut down all electrical and radio systems, secured the aircraft and evacuated. There were no injuries to pilot or co-pilot.

RECOMMENDATION (How could this accident/incident have been prevented?)**Operator/Owner Safety Recommendation**

In the future, with similar circumstances, I would pull the power immediately and apply full brakes and not try to correct.

ADDITIONAL INFORMATION *(Please type or print in ink)*

Use this space if additional space is needed for any answers.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report

03/22/2013*mm dd/yyyy*

Signature and Name

Signature

Type or Print Name

J. BRANTLEY THREASHER

Signature and Name of Person Filing Report if Other than Pilot/Operator

Signature

Type or Print Name

Title

FOR NTSB USE ONLY

NTSB Accident/Incident No.

CEN13LA188

Reviewed by NTSB Regional Office

Denver

Name of Investigator

Folkerts

Date Report Received

3/22/2013