

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

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

BASIC INFORMATION

Accident/Incident Location

Nearest City/Place: Cedar Key Florida State: FLA

ZIP: 32625 Country: USA

Latitude: N29 8.0533 Longitude: W 83 3.0283

(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 06/16/2017 Local Time: 13:00

mm/dd/yyyy

Time Zone: EASTERN DAYLIGHT SAVING

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None

AIRCRAFT INFORMATION

Registration Number: N4317Y

Manufacturer: PIPER

Model: 1962 PA-23-160 Apache

Serial Number: 23-2041

Year of Manufacture: 1962

Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans ☐ Make: ☐ Original Design

☒ IFR-Equipped and Certified
☐ Commercial Space Flight
☐ Unmanned Aircraft

Maximum Gross Weight: 3800 lbs MCTOW 3092

Weight at Time of Accident/Incident: 3092 lbs

Number of Seats: 4 Flight Crew Seats: 2

Cabin Crew Seats: 0 Passenger Seats: 2

Number of Engines: 2

Category of Aircraft

- ☒ Airplane
- ☐ Balloon
- ☐ Blimp/Dirigible
- ☐ Glider
- ☐ Gyroplane
- ☐ Helicopter
- ☐ Powered Lift
- ☐ Rocket
- ☐ Ultralight
- ☐ Unknown

Type of Airworthiness Certificate

(Check all that apply)

- | Standard | Special |
|---|---|
| ☒ Normal | ☐ Restricted |
| ☐ Aerobatic | ☐ Limited |
| ☐ Balloon | ☐ Provisional |
| ☐ Commuter | ☐ Special Flight |
| ☐ Transport | ☐ Experimental |
| ☐ Utility | ☐ Special Light-Sport |
| | ☐ Experimental Light-Sport |
| ☐ Certificate of Authorization or Waiver (COA) | |
| ☒ None ☐ Unknown | |

Landing Gear

(Check all that apply)

- ☒ Retractable
- ☒ Tricycle
- ☐ Tailwheel
- ☐ Amphibian
- ☐ High Skid
- ☐ Emergency Float
- ☐ Skid
- ☐ Float
- ☐ Ski
- ☐ Hull
- ☐ Ski/Wheel
- ☐ Other Launch/Recovery System
- ☒ None ☐ Unknown

Engine Type (Select one)

- ☒ Reciprocating
- ☐ Liquid Rocket
- ☐ Turbo Shaft
- ☐ Solid Rocket
- ☐ Turbo Prop
- ☐ Hybrid Rocket
- ☐ Turbo Jet
- ☐ None
- ☐ Turbo Fan
- ☐ Unknown
- ☐ Electric

Fuel System Type (Reciprocating)

- ☒ Carburetor
- ☐ Fuel-Injected

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Rated Power ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours) Overhaul (hours)
Eng. 1	LYCOMING	0320 B3B	L-2193-39	-	160	761	759 759
Eng. 2	Lycoming	0320 B3B	L-4565-39	-	160	2191	2189 2189
Eng. 3							
Eng. 4							

Last Inspection Type

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

Date Last Inspection: 6-7-17

Airframe Total Time: 3291 hrs

hours measured at (Select one)

☐ Last Inspection ☒ Time of Accident/Incident

Type of Maintenance Program (Select one)

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

Description of Fire Extinguishing System

- ☒ None
- ☐ Specify: CABIN FIRE EXTINGUISHER (HAND HELD)

Propeller 1

- ☐ Fixed Pitch
- ☒ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer: HARTZELL

Model: HC 82 VL 2C

Propeller 2

- ☐ Fixed Pitch
- ☒ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer: HARTZELL

Model: HC 82 VL 2

ELT Installed: ☒ Yes ☐ No

If Yes: ORANGE

ELT Manufacturer: NARCO

Model or Part No.: 10

TSO No.: ☒ C91 (121.5 MHz) ☐ C91a (121.5 MHz)
☐ C126 (406 MHz)

Was ELT still mounted in aircraft? ☒ Yes ☐ No

Was ELT still connected to antenna? ☒ Yes ☐ No

Did ELT Activate? ☒ Yes ☐ No

If activated:

Did ELT Aid in Locating Aircraft: ☐ Yes ☒ No

If not activated:

- Indicate Reason:
- ☐ Impact Damage
 - ☐ Fire Damage
 - ☐ Battery Expired/Damaged
 - ☐ Unknown

Additional Equipment (Check all that apply)

- ☐ ADS-B
- ☐ Airframe Parachute
- ☐ Angle of Attack Indicator
- ☒ Autopilot
- ☐ Data Recorder
- ☒ Electronic Flight Bag or Handheld Device
- ☐ Electronic Multifunction Display
- ☐ Electronic Primary Flight Display
- ☒ Handheld GPS
- ☐ Heads Up Display
- ☐ Onboard Weather
- ☐ Satellite Tracking Device
- ☒ Stall Warning System
- ☐ Video Recording Device
- ☐ Other, Specify: _____

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner

Name: SANDRA MALLORY

City: Tyrone

State: GA

ZIP: 30290

Fractional Ownership Aircraft: ☐ Yes ☒ No

Country: USA

Operator of Aircraft

☐ Same As Registered Owner

☒ Same Address as Registered Owner

Name: Thomas Mallory

City: Tyrone

Doing Business As: PRIVATE (PERSONAL)

State: Georgia ZIP: 30290

Air Carrier/Operator Designator (4 Character Code): None

Country: USA

Operating Certificates Held

(Check all that apply)

- ☒ None
- ☐ Flag Carrier Operating Certificate (FAR 121)
- ☐ Supplemental
- ☐ Air Cargo
- ☐ Foreign Air Carriers (FAR 129)
- ☐ Rotorcraft External Load (FAR 133)
- ☐ Commuter Air Carrier (FAR 135)
- ☐ On-Demand Air Taxi (FAR 135)
- ☐ Commercial Air Tour (FAR 136)
- ☐ Agricultural Aircraft (FAR 137)
- ☐ Pilot School (FAR 141)
- ☐ Certificate of Authorization or Waiver (COA)
- ☐ Commercial Space Transportation Experimental Permit
- ☐ Commercial Space Transportation License
- ☐ Other Operator of Large Aircraft

Regulation Flight Conducted Under

- ☒ FAR 91 ☐ FAR 129 ☐ FAR 415
- ☐ FAR 103 ☐ FAR 133 ☐ FAR 431
- ☐ FAR 121 ☐ FAR 135 ☐ FAR 435
- ☐ FAR 125 ☐ FAR 137 ☐ FAR 437
- ☐ FAR 91 Special Flight
- ☐ Non-US, Commercial
- ☐ Non-US, Non-commercial

Public Aircraft (Select one)

- ☐ Armed Forces
- ☐ Federal
- ☐ State
- ☐ Local
- ☐ Unknown

Revenue Operation for FAR 121, 125, 129, 135

(Select one for each group)

- ☐ Scheduled or Commuter ☐ Domestic
- ☐ Non-Scheduled or Air Taxi ☐ International
- ☐ Passenger
- ☐ Cargo
- ☐ Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137

(Select one)

- ☐ Aerial Application ☐ Firefighting ☐ Unknown
- ☐ Aerial Observation ☐ Flight Test
- ☐ Air Drop ☐ Glider Tow
- ☐ Air Race/Show ☐ Instructional
- ☐ Banner Tow ☐ Other Work Use
- ☐ Business ☒ Personal
- ☐ Executive/Corporate ☐ Positioning
- ☐ External Load ☐ Skydiving
- ☐ Ferry

Revenue Sightseeing Flight

☐ Yes ☒ No

Air Medical Flight

☐ Yes ☒ No

AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)

Airport Name: CEDAR KEY (GEORGE T. LEWIS)

Airport Identifier: KCDK

Proximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/A

N29 8.05 33' W 83 3.0283

Distance From Airport Center: 0.5 sm

Direction From Airport: ON AIRPORT degrees true

Airport Elevation: 11 ft. msl

END OF RWY 5

Runway Information

Runway ID: 5 (L/R/C) Length: 3355 ft Width: 100 ft

Runway/Landing Surface (Check all that apply)

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

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
- ☐ Slush-Covered ☐ Vegetation ☐ Unknown

Approach/Departure Segment (Select one)

- ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach
- ☐ Takeoff ☐ IFR Departure Procedure/Clearance ☒ Landing ☐ Base ☐ Go Around
- ☐ Initial Climb ☐ Final ☐ Aborted Landing (after touchdown)
- ☐ Crosswind ☐ Unknown

IFR Approach (Check all that apply)

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

VFR Approach (Check all that apply)

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

AIRPORT ADDRESS 14703 4 Southwest Airport Road
CEDAR KEY 1 FL 32625

"FLIGHT CREWMEMBER 1" INFORMATION

"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

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

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

"Flight Crewmember 1" Identification

First Name: Thomas Mallory

City of Residence: Tyrone

Middle Initial: P

State: GA

ZIP: 30290

Last Name: Mallory

Age at time of Accident/Incident: 72

Date of Birth: [REDACTED] mm/dd/yyyy

Certificate Number: [REDACTED]

Degree of Injury

☒ None
 ☐ Fatal
 ☐ Minor
 ☐ Unknown
 ☐ Serious

Seat Occupied

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

Restraint Type

Available

☐ None
 ☒ Lap only
 ☐ 3-point
 ☐ 4-point
 ☐ 5-point
 ☐ Unknown

Used

☐ None
 ☐ Lap only
 ☐ 3-point
 ☐ 4-point
 ☐ 5-point
 ☐ Unknown

Inflatable Restraints

☒ Not Installed
 ☐ Installed
 ☐ Not Deployed
 ☐ Deployed
 ☐ Unknown

Pilot Certificate(s) (Check all that apply)

☐ None
 ☒ Flight Instructor
 ☒ Commercial
 ☐ US Military
 ☐ Private
 ☐ Recreational
 ☒ Airline Transport
 ☐ Foreign
 ☐ Student
 ☐ Sport
 ☒ Flight Engineer

Principal Occupation

☐ Pilot
 ☒ Other
 ☐ Unknown

Medical Certificate

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

Medical Certificate Validity

☒ Without limitations/waivers
 ☐ Unknown
 ☐ With limitations/waivers
 ☒ N/A
 ☐ Special Issuance

Date of Last Medical

N/A
mm/dd/yyyy

Medical Certificate Limitations

NONE

Medical Certificate Special Issuance

1-17-2008

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

01-31-2017
mm/dd/yyyy

Flight Review Aircraft

Make: Cessna

Model: 172

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
 ☐ 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
 ☒ Airplane Single-Engine
 ☒ Airplane Multi-Engine
 ☐ Gyroplane
 ☐ Powered Lift

☒ Instrument Airplane
 ☐ Instrument Helicopter
 ☐ Helicopter
 ☐ Glider
 ☐ Sport

Type Ratings

Student Endorsements (Include dates)

N/A

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	<u>24000</u>	<u>200</u>	<u>8000</u>	<u>16000</u>	<u>12000</u>	<u>2000</u>	<u>100</u>	—	—	—
Pilot in Command (PIC)	<u>11000</u>	<u>200</u>	<u>8000</u>	<u>3000</u>	<u>6000</u>					
Time as Instructor	<u>5000</u>	<u>40</u>								
This Make/Model										
Last 90 Days	<u>10</u>									
Last 30 Days	<u>5</u>	<u>5</u>								
Last 24 Hours	<u>2</u>	<u>2</u>								

N/A

"FLIGHT CREWMEMBER 2" INFORMATION

"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident

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

"Flight Crewmember 2" was pilot flying ☐ Yes ☐ No

"Flight Crewmember 2" Identification

First Name: NONE - NA

City of Residence: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy

Certificate Number: _____

Degree of Injury

☒ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Seat Occupied

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

Restraint Type

Available

☐ None
☒ Lap only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

Used

☐ None
☒ Lap only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

Inflatable Restraints

☒ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ Unknown

Pilot Certificate(s) (Check all that apply)

☐ None ☒ Flight Instructor ☐ Commercial ☐ US Military
☐ Private ☒ Recreational ☒ Airline Transport ☐ Foreign
☐ Student ☒ Sport ☒ Flight Engineer

Principal Occupation

☐ Pilot
☒ Other
☐ Unknown

Medical Certificate

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

Medical Certificate Validity

☒ Without limitations/waivers ☐ Unknown
☐ With limitations/waivers ☒ N/A
☐ Special Issuance

Date of Last Medical

____ mm/dd/yyyy

Medical Certificate Limitations

NA

Medical Certificate Special Issuance

NA

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

NA

____ mm/dd/yyyy

Flight Review Aircraft

Make: NA

Model: NA

Airplane Rating(s)

(Check all that apply)

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

Other Aircraft Rating(s)

(Check all that apply)

☐ None NA
☐ Airship
☐ Balloon
☐ Glider
☐ Gyroplane
☐ Helicopter
☐ Powered Lift

Instrument Rating(s)

(Check all that apply)

☐ None NA
☒ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s)

(Check all that apply)

☐ None NA
☒ Airplane Single-Engine
☒ Airplane Multi-Engine
☐ Gyroplane
☐ Powered Lift

☒ Instrument Airplane
☐ Instrument Helicopter
☐ Helicopter
☐ Glider NA
☐ Sport

Type Ratings

N/A

NA

Student Endorsements (Include dates)

N/A

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	<u>2400</u>	<u>300</u>								
Pilot in Command (PIC)			<u>NA</u>							
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)

Crew Name and Address	Seat Occupied	Injury
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____	☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer	Restraint Type: Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☒ No	Total Flight Time at the Time of this Accident/Incident: <u>24:00</u> hrs	

Crew Name and Address	Seat Occupied	Injury
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____	☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer	Restraint Type: Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs	

PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)

Name and Address	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: <u>John</u> City: <u>Franklin</u> Middle Initial: <u>Hickman</u> State: <u>GA</u> ZIP: _____ Last Name: <u>Hickman</u> Country: <u>USA</u> ☐ Crew ☒ Passenger ☐ Other	☐ Left ☐ Center ☒ Right ☐ Unknown Row: _____	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☒ Lap Only ☒ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	<u>NA</u> ☐ Under 5 years If Under 5, <u>NA</u> ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: <u>DAVID</u> City: <u>NEWNAN</u> Middle Initial: _____ State: <u>GA</u> ZIP: <u>30263</u> Last Name: <u>Collins</u> Country: <u>USA</u> ☐ Crew ☒ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: <u>1</u>	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☒ Lap Only ☒ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	<u>NA</u> ☐ Under 5 years If Under 5, <u>NA</u> ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: <u>N/A</u> City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: <u>N/A</u> City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point

Airport ID: CSO
 City: NEWNAN GA
 State: GA
 Country: USA

Time of Departure

Time: 11:00
 Time Zone: EAST
DAYLIGHT SAV.

Destination George T. Lewis

Airport ID: Cedar Key Fla
 City: KCDK
 State: FLA
 Country: USA

Type Flight Plan Filed

☒ None ☐ VFR/IFR
☐ Company VFR ☐ IFR
☐ Military VFR ☐ Unknown
☐ VFR
 Activated? ☐ Yes ☐ No ☐ Unknown

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

Altitude of In-Flight Occurrence:

0 ft msl
AIRPORT 11' msl

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information

(Check all that apply)

☐ National Weather Service ☐ Company
☐ Flight Service Station ☐ Military
☒ TV/Radio ☐ Internet
☐ Automated Report ☐ None
☒ Commercial Weather Service (DUATS) ☐ Unknown
☐ On-Board Weather

Weather Observation Facility

Facility ID: NA
 Observation Time: _____
 Time Zone: _____
 Distance from Accident Site: _____ nm
 Direction from Accident Site: _____ degrees true

Basic Conditions

☒ VMC
☐ IMC
☐ Unknown

Light Condition

☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown
☒ Day ☐ Night ☐ Bright Night

Sky/Lowest Cloud Condition

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

Ceiling

☒ None (Clear) ☐ Obscured
☐ Broken ☐ Indefinite
☐ Overcast ☐ Unknown

Temperature: _____ (C) or 75 (F)

Dew Point: _____ (C) or _____ (F)

Altimeter Setting: _____ in. Hg
 or _____ MB

Lowest Cloud Condition Height

NONE ft agl

Ceiling Height

NONE N/A ft agl

Wind Direction

☒ Variable
LIGHT
 -or-
 Direction: 250 degrees true

Wind Speed

☐ Calm
☒ Light and Variable
 -or-
 Speed: 10 kts

Wind Gusts

☒ Not Gusting
 -or-
 Speed: 0 kts

Visibility 50 miles

RVR: _____ feet

RVV: _____ miles

Density Altitude: 5,400 ft 11' msl

Intensity of Precipitation

☐ Light
☐ Moderate
☐ Heavy
☒ N/A
☐ Unknown

Type of Precipitation (Check all that apply)

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

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

Icing Forecast

Amount ☒ None ☐ N/A
☐ Trace ☐ Rime
☐ Light ☐ Clear
☐ Moderate ☐ Mixed
☐ Severe ☐ Unknown
☐ Unknown

Icing Actual

Amount ☒ None ☐ N/A
☐ Trace ☐ Rime
☐ Light ☐ Clear
☐ Moderate ☐ Mixed
☐ Severe ☐ Unknown
☐ Unknown

Turbulence

Type (Check all that apply) ☒ None ☐ Light
☐ Clear Air ☐ Moderate
☐ Terrain-Induced ☐ Severe
☐ Convective Turbulence ☐ Extreme

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

NONE NA

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage

- ☐ None
☒ Minor
☐ Substantial
☐ Destroyed
☐ Unknown

Aircraft Fire

- ☒ None
☐ In-Flight
☐ On-Ground
☐ Both Ground and In-Flight
☐ Fire at Unknown Time
☐ Unknown

Aircraft Explosion

- ☒ None
☐ In-Flight
☐ On-Ground
☐ Both Ground and In-Flight
☐ Explosion at Unknown Time
☐ Unknown

Description of Damage to Aircraft and Other Property (Use additional sheet if necessary)

Nose Gear AND Bottom of nose cone
No Damage to cargo. (None)

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 departure time and location, services obtained, and intended destination. Provide as much detail as possible.

DEPARTED CCO @ 11:00 AM EST. TAKE-^{Runup} TO Normal, Climb
 Cruise Normal. Few clouds + buildings - no problem. Avoided
 cross city to west due to buildup. Went ~~to~~ to Cedar Key
 with GPS. Completely circled airport (normal pattern)
 OBSERVED NO TRAFFIC. OBSERVED WINDSOCK flag - but
 favoring Rwy 5. (my preference) I HAVE LANDED there many
 times before over the years. MADE normal approach - gear
 DOWN ON DOWNWIND, flaps full on final. Slowed to 80 mph as
 ON FINAL AND reduced power to idle. AS I APPROACHED
 the threshold of the runway. Touched down at approach
 END of runway in a very short distance —
 piece of cake! no problems. In my experience AND
 ESTIMATION — I should have rolled to a stop. BUT...
 The airplane continued down the runway - EVEN with
 heavy braking! Saw the white line across the
 runway (I think a displaced threshold for Rwy 23).
 Still looked like I could stop OK - BUT the
 airplane kept going - across end - across small rd -
 About 10' of grass. AND at About 3 mph the nose dropped
 over the bank (approximately ^{four feet}). Disembarked Rt Front seat
~~passenger~~ passenger, rear passenger then myself. NO
 INJURIES EXCEPT FOR EXTREME EMBARRASSMENT OF PILOT!

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

ALTHOUGH NO INJURIES — we "hit" (stopped) from about 5 or less mph to zero suddenly — In retrospect from now on ANY plane I have will have 3 point harness — with double shoulder restraints.

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

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

NA

HAVE NOTICED THAT THE Apache's "Big Brother" The ~~AZET~~ HAS BIGGER Brakes with 2 calipers — AND AZTEC IS NOT THAT MUCH BIGGER — MAYBE SOMETHING WAS learned before the later aircraft was built

Total Time/Cycles On Part

N/A Hours

Cycles

Time Since This Part Inspected/Overhauled

N/A Hours

FUEL & SERVICES INFORMATIONFuel on Board at Last Takeoff
(Convert from pounds, as necessary)

108

Gallons

Full / 4 TANKS

Fuel Type

☐ 80/87☐ 115/145☐ Jet B☐ Other, specify _____☒ 100 Low Lead☐ Jet A☐ JP8☐ 100/130☐ Jet A-1☐ Automotive

Other Services, if Any, Prior to Departure

Oil Full — Full Preflight — Hydraulics Full — Oil Full

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

EACH passenger — Then pilot exited the normal exit, Rt. FRONT DOOR.

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

Aircraft Registration Number

NONE

Manufacturer:

NA

Model:

N/A

Damage to Other Aircraft

☐ Destroyed☐ Minor☐ Substantial☐ None

Registered Owner of Other Aircraft

Name: N/A

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: NONE / NA

City: _____

State: _____ ZIP: _____

Country: _____

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

06-29-2017

mm/dd/yyyy

Name of Pilot/Operator: Thomas P. MallorySignature: 

-- or --

☐ Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: N/ATitle: NASignature: N/A

-- or --

☐ Check here to electronically sign this document**FOR NTSB USE ONLY**NTSB Accident/Incident No.
ERA17CA208Reviewed by NTSB Regional Office
ERAName of Investigator
R. HicksDate Report Received
7/03/2017

1 July 2017

To: FAA Report of Incident

From: Thomas P. Mallory

[REDACTED]
Tyrone, Georgia

Sorry, but I can not print the proper form on my computer.

Date 6-16-2017

Location Cedar Key Florida, KCDK, George T. Lewis Airport

Rwy 5 at departure end

Aircraft Piper 23-160 Lycoming o320 B3B

Aircraft recently came out of an annual. The annual was very extensive And many parts and other things were replaced. i.e/ fuel bladders, tires, brakes. Some radios, etc. Each and everything replaceable was replaced. All panels were removed and every item that called for it was lubricated. The oil was changed. This list is not meant to be total, but to state the completeness of the inspection. One of the reasons for the extra extent of the inspection is that I had a buyer who is a friend and I wanted the airplane to be good for him.

The aircraft was given a thorough preflight. Start, taxi and run-up were normal. The t/o, climb were normal and the trip smooth. There was a buildup at Cross City, Florida so went direct via gps. [REDACTED]

page 1 of 2

Page 2 Thomas P. Mallory

Circled Cedar in normal landing circuit to the left. Windsock flaccid wind calm.

Put gear down on downwind and full flaps on final. Checklists and normal procedures complied with. Slowed to 80 mph for final and Reduced power to idle as I approached the threshold of the runway.

Landed on approach end of runway.. Piece of cake, no problems.

In my experience and estimation, should have rolled to a stop. But, the aircraft continued to roll down the runway even with heavy braking.

Saw the white line across the runway, I believe a displaced threshold for rwy 23 and I felt that I would be able to stop by that point. But

The airplane kept going, across end, across small road and about 10 feet of grass, and at about 3 mph the nose dropped over the bank

Of about 4 feet. Disembarked through the right front door, right front seat passenger, rear seat passenger, and then myself. No injuries except: EXTREME EMBARRASSMENT OF PILOT.

Page 2 of 2
[Redacted Signature]