

## NATIONAL TRANSPORTATION SAFETY BOARD

### NTSB Form 6120.1

# PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

Email the pilot/operator aircraft accident/incident report to the investigator-in-charge of your accident/incident. If email is not available, mail the report per the instructions below.

If your accident/incident occurred in Maine, Vermont, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia, West Virginia, Kentucky, Tennessee, North Carolina, South Carolina, Mississippi, Alabama, Georgia, Florida, the District of Columbia, Puerto Rico, or the US Virgin Islands, send the form to: NTSB, ERA, 45065 Riverside Parkway, Ashburn, VA 20147.

If your accident/incident occurred in Ohio, Michigan, Indiana, Wisconsin, Illinois, Minnesota, Iowa, Missouri, Arkansas, Louisiana, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Colorado, or New Mexico, send the form to: NTSB, CEN, 4760 Oakland Street, Suite 500, Denver, CO 80239.

If your accident/incident occurred in Montana, Wyoming, Idaho, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, or the territories of Guam or American Samoa, send the form to: NTSB, WPR, 505 South 336th Street, Suite 540, Federal Way, WA 98003.

If your accident/incident occurred in Alaska, send the form to: NTSB, ANC, 222 West 7th Avenue, Room 216, Box 11, Anchorage, AK 99513.

Rules pertaining to notification of aircraft accidents and incidents, as well as overdue aircraft are found in 49 *Code of Federal Regulations* (CFR) Part 830 [http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title49/49cfr830\\_main\\_02.tpl](http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&tpl=/ecfrbrowse/Title49/49cfr830_main_02.tpl). These rules state the authority of the NTSB, define accidents, incidents, injuries, and other terms, and provide procedures for initial and immediate notification of accidents and incidents by aircraft pilots/operators.

#### A. APPLICABILITY

The pilot/operator of an aircraft shall send a report to the office listed above, based on accident/incident location; immediate notification is required by 49 CFR 830.5(a). The report shall be filed within 10 days after an accident for which notification is required by Section 830.5, or after 7 days if an overdue aircraft is still missing.

An aircraft accident, as defined in 49 CFR 830.2, is determined as an occurrence that involves a fatality or serious injury, or substantial damage to the aircraft. For occurrences that do not involve a fatality, the determination that the occurrence is an accident can be appealed by writing to the Director, Office of Aviation Safety, NTSB, 490 L'Enfant Plaza, S.W., Washington, D.C. 20594.

### INSTRUCTIONS TO PILOTS/OPERATORS FOR COMPLETING THIS FORM

**It is necessary that ALL questions on this report be answered completely and accurately.**

**If more space is needed, continue on a blank sheet of paper.**

**Nearest City/Place:** Use the name of the nearest community in the state where the accident/incident occurred.

**Date/Time:** Indicate the date and local time of the event. Be sure to indicate the time zone.

**Phase of Operation:** Indicate the phase of operation during which the accident/incident occurred.

**Aircraft Information:** Enter aircraft make and model information as indicated on the aircraft registration certificate, including series. If the involved aircraft is certified as "amateur-built," include the name of the producer of the kit or plans, unless an NTSB employee instructs otherwise.

**Maximum Gross Weight:** Enter the certificated maximum gross weight for the aircraft involved in the occurrence. This should be the same as the maximum gross weight indicated on the aircraft weight and balance documents.

**Engine:** Enter engine make and model information as indicated on the engine data plate.

The NTSB uses this form for aircraft accident prevention activities and for statistical purposes. NTSB regulations (49 CFR Part 830) require that ALL questions be answered completely and accurately. Completion of this form will take approximately 60 minutes. The NTSB does not guarantee the privacy of any information provided in this form. You need not complete this form unless it displays a valid OMB control number, in accordance with 5 C.F.R. § 1320.5(b), which applies to this collection of information.

#### B. DEFINITIONS

1. "Aircraft Accident" means an occurrence associated with the operation of an aircraft that takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death, or serious injury, or in which the aircraft receives substantial damage. For purposes of this form, the definition of "aircraft accident" includes "unmanned aircraft accident," as defined at 49 CFR 830.2.

2. "Substantial Damage" means damage or failure that adversely affects the structural strength, performance or flight characteristics of the aircraft, and that would normally require major repair or replacement of the affected component. NOTE: Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairing or cowling, dented skin, small puncture holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wing tips are not considered "substantial damage" for purposes of this report.

3. "Operator" means any person who causes or authorizes the operation of an aircraft, such as the owner, lessee, or bailee of an aircraft.

4. "Fatal Injury" means any injury that results in death within thirty (30) days of the accident.

5. "Serious Injury" means any injury that (1) requires hospitalization for more than 48 hours, commencing within 7 days from the date the injury was received; (2) results in a fracture of any bone (except simple fracture of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves injury to any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.

**Type of Fire Extinguishing System:** If a fire extinguishing system was used to fight an aircraft fire, specify the type(s) of extinguishing system(s) used. Examples include handheld extinguisher, engine fire bottle, cargo/baggage compartment fire suppression system, or airport emergency ground equipment.

**Owner/Operator Information:** Enter the owner information as shown on the registration certificate. Commercial operators, enter the operator information, including "doing business as" when applicable, as shown on the operator certificate.

**Revenue Sightseeing Flight:** Indicate whether the accident aircraft was conducting revenue sightseeing operations under 14 CFR Part 91 at the time of the accident.

**Air Medical Flight:** Indicate whether the accident flight was being conducted for the purpose of carrying medical personnel, patient(s), or organs.

**Public Aircraft:** Federal, state or local government flight operations such as official travel, law-enforcement, low-level observation, aerial application, firefighting, search and rescue, biological or geological resource management, or aeronautical research. Indicate whether the flight was conducted by the armed forces, federal, state, or local government.

**Purpose of Flight:** 14 CFR Parts 91, 103, 133, 136, and 137: Indicate the type of operation that was being conducted at the time of the occurrence using the following definitions:

**AERIAL APPLICATION**—Operations using an aircraft to perform aerial application or dispersion of any substance. Examples include agricultural, health, forestry, cloud seeding, firefighting, insect control, etc.

**AERIAL OBSERVATION**—These flights include aerial mapping/photography, patrol, search and rescue, hunting, highway traffic advisory, ranching, surveillance, oil and mineral exploration, criminal pursuit, fish spotting, etc.

**AIR DROP**—Aerial operations, other than aerial application, that are intended to release items in flight.

**AIR RACE/SHOW**—Includes any flight operations conducted as part of an organized air race or public demonstration.

**BUSINESS**—includes all personal flying without a paid professional crew for reasons associated with furthering a business, including transportation to and from business meetings or work. This does not include corporate/executive operations, air taxi, or commuter operations.

**EXECUTIVE/CORPORATE**—Company flying with a paid, professional crew.

**FERRY**—Non-revenue flight under a special flight or "ferry" permit. Refer to 14 CFR 21.197 for details of special flight permit issuance.

**FLIGHT TEST**—Flight for the purpose of investigating the flight characteristics of an aircraft/aircraft component or evaluating an applicant for a pilot certificate or rating.

**INSTRUCTIONAL**—Flying while under the supervision of a flight instructor or receiving air carrier training. Personal proficiency flight operations and personal flight reviews, as required by federal air regulations, are excluded.

**OTHER WORK USE**—Miscellaneous flight operations conducted for compensation or hire such as construction work (not 14 CFR Part 135 operation), parachuting, aerial advertising, towing gliders, etc.

**PERSONAL**—Flying for personal reasons (excludes business transportation) including pleasure or personal transportation. This also includes practice or proficiency flights performed under flight instructor supervision and not part of an approved flight training program.

**POSITIONING**—Non-revenue flight conducted for the primary purpose of relocating the aircraft. Examples include moving the aircraft to a maintenance facility or to load passengers or cargo etc.

**UNKNOWN**—Use only if the primary purpose of flight is not known.

**Other Aircraft—Collision:** For all accidents involving a collision with another aircraft, including parked aircraft, check "Collision with other aircraft" under Basic Information and complete this section indicating details about the OTHER aircraft involved in the collision.

**Airport Information:** Complete this section if the accident/incident occurred on approach, landing, takeoff, departure, or within 3 statute miles of an airport. Please refer to the FAA Airport/Facility Directory or other official source for airport information.

**Airport Identifier:** Provide the official 3 or 4 character airport identifier number.

**Runway:** Indicate the number of the runway used, including L, R, or C if applicable.

**Runway/Landing Surface:** Indicate the type of intended runway/landing surface (do not indicate surface conditions). If the surface type was mixed, check all that apply.

**Condition of Runway/Landing Surface:** Indicate the condition of the intended runway/landing surface. If multiple conditions existed at the time of the accident, check all that apply.

**Weather Information at the Accident/Incident Site:** Indicate the weather conditions reported at the accident/incident site at the time of occurrence. If no weather reporting was available for the accident/incident site, indicate the reported conditions at the nearest reporting site. Specify the weather reporting site identifier, the observation time, and distance from the accident/incident.

**Sky/Lowest Cloud Condition:** Indicate the height above ground level of the lowest cloud condition present at the time of the accident/incident and whether coverage was reported as few, scattered, broken or overcast. Also indicate the height above ground level and coverage of the lowest cloud ceiling present at the time of the accident/incident (reported as broken or overcast).

**NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs:** Describe all NOTAMs (distant (D) or Flight Data Center (FDC), if known), AIRMETs, SIGMETs, and PIREPs in effect near the accident/incident.

**Flight Crewmember Information:** Indicate the category that best describes the capacity served by this flight crewmember at the time of the accident. The designators "Flight Crewmember 1" and "Flight Crewmember 2" do not refer to a specific pilot position or responsibility. If more than one pilot is aboard, they may be entered in any order and their capacity entered as appropriate.

**Degree of Injury:** See Definitions on the top half of Page 1 of the instructions. Minor injury is not defined. If an injury does not meet the criteria for another injury category, select Minor.

**Date of Last Flight Review or Equivalent:** Enter the date of the most recent flight review, or equivalent, completed by this pilot. Refer to 14 CFR 61.56 for accepted equivalents.

**Type Ratings:** List all type ratings on the pilot certificate. If the pilot holds no type ratings indicate "none." If the pilot holds a pilot certificate other than student and was flying an aircraft requiring an endorsement, enter the type and date of any logbook endorsement(s) for that aircraft. See 14 CFR 61 for examples of required endorsements.

**Student Endorsements:** If the pilot holds a student pilot certificate, enter all solo endorsements and dates on the student pilot certificate.

**Flight Time:** Complete the flight time matrix. Solo flight time should be included as "Pilot-in-Command (PIC)" and all dual flight instruction given should be included as "Time as Instructor."

**Additional Flight Crewmembers:** Complete this section if there were more than two required flight crewmembers on the aircraft. This also includes a check airman performing official duties but does not include cabin crew. State the capacity served by each included crewmember at the time of the accident.

**Passenger(s)/Other Personnel:** Enter identification and injury severity information for all passengers, cabin crew, and other personnel involved in the accident. See Page 1 of the instructions for the official definition of injury levels.

Several questions throughout the form allow for multiple responses; when appropriate, choose all responses that apply.

These instructions only pertain to major issue areas covered by NTSB Form 6120.1 *Pilot/Operator Aircraft Accident/Incident Report*. For additional definitions of questions and responses, please refer to [www.ntsb.gov](http://www.ntsb.gov).

**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**

<b>Accident/Incident Location</b>		<b>Accident/Incident Date/Time</b>	
Nearest City/Place: <u>Sanford</u>	State: <u>FL</u>	Date: <u>3/14/2019</u>	Local Time: <u>10:00 pm</u>
ZIP: <u>32773</u>	Country: <u>USA</u>	<small>mm/dd/yyyy</small>	Time Zone: _____
Latitude: _____	Longitude: _____		
<small>(Enter in decimal degrees or degrees:minutes:seconds)</small>			
Collision with Other Aircraft: <input type="radio"/> Midair <input type="radio"/> On-ground <input checked="" type="radio"/> None			

**AIRCRAFT INFORMATION**

Registration Number: <u>N220CM</u>	<input checked="" type="checkbox"/> IFR-Equipped and Certified
Manufacturer: <u>Cessna</u>	<input type="checkbox"/> Commercial Space Flight
Model: <u>Citation 650</u>	<input type="checkbox"/> Unmanned Aircraft
Serial Number: <u>650-</u>	Maximum Gross Weight: <u>22200</u> lbs
Year of Manufacture: <u>1988</u>	Weight at Time of Accident/Incident: <u>16500</u> lbs
Amateur-Built: <input checked="" type="radio"/> Yes <input type="radio"/> No	Number of Seats: <u>10</u> Flight Crew Seats _____
<small>If Yes: <input type="radio"/> Kit Plans <input type="radio"/> Make: _____</small>	Cabin Crew Seats: _____ Passenger Seats: _____
<small><input type="radio"/> Original Design</small>	Number of Engines: <u>2</u>

<b>Category of Aircraft</b>	<b>Type of Airworthiness Certificate</b> <small>(Check all that apply)</small>	<b>Landing Gear</b> <small>(Check all that apply)</small>	<b>Engine Type (Select one)</b>
<input checked="" type="radio"/> Airplane	<b>Standard</b>	<input checked="" type="checkbox"/> Retractable	<input type="radio"/> Reciprocating
<input type="radio"/> Balloon	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Tricycle	<input type="radio"/> Liquid Rocket
<input type="radio"/> Blimp/Dirigible	<input type="checkbox"/> Aerobatic	<input type="checkbox"/> Amphibian	<input type="radio"/> Turbo Shaft
<input type="radio"/> Glider	<input type="checkbox"/> Balloon	<input type="checkbox"/> Emergency Float	<input type="radio"/> Turbo Prop
<input type="radio"/> Gyroplane	<input type="checkbox"/> Commuter	<input type="checkbox"/> Float	<input type="radio"/> Turbo Jet
<input type="radio"/> Helicopter	<input type="checkbox"/> Transport	<input type="checkbox"/> Hull	<input checked="" type="radio"/> Turbo Fan
<input type="radio"/> Powered Lift	<input type="checkbox"/> Utility	<input type="checkbox"/> Other Launch Recovery System	<input type="radio"/> Electric
<input type="radio"/> Rocket	<input type="checkbox"/> Certificate of Authorization or Waiver (COA)	<input type="checkbox"/> None	<b>Fuel System Type (Reciprocating)</b>
<input type="radio"/> Ultralight	<input type="checkbox"/> None	<input type="checkbox"/> Unknown	<input type="radio"/> Carburetor
<input type="radio"/> Unknown	<input type="checkbox"/> Special		<input type="radio"/> Fuel-Injected
	<input type="checkbox"/> Restricted		
	<input type="checkbox"/> Limited		
	<input type="checkbox"/> Provisional		
	<input type="checkbox"/> Special Flight		
	<input type="checkbox"/> Experimental		
	<input type="checkbox"/> Special Light-Sport		
	<input type="checkbox"/> Experimental Light-Sport		

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <small>mm/dd/yyyy</small>	Rated Power <input type="radio"/> Horsepower or <input checked="" type="radio"/> lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	Honeywell	TFE 731	87435	1988		9410	N/A	N/A
Eng. 2			87436	1988		9543		
Eng. 3								
Eng. 4								

<b>Last Inspection Type</b>	<b>Propeller 1</b>	<b>Propeller 2</b>
<input type="radio"/> 100-Hour	<input type="radio"/> Fixed Pitch	<input type="radio"/> Fixed Pitch
<input checked="" type="radio"/> Continuous Airworthiness	<input type="radio"/> Controllable Pitch	<input type="radio"/> Controllable Pitch
<input type="radio"/> AAIIP	<input type="radio"/> Ground Adjustable	<input type="radio"/> Ground Adjustable
<input type="radio"/> Annual	Manufacturer: _____	Manufacturer: _____
<input type="radio"/> Unknown	Model: _____	Model: _____
<b>Date Last Inspection:</b> <u>NIA</u>	<b>ELT Installed:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Additional Equipment (Check all that apply)</b>
<small>mm/dd/yyyy</small>	<small>If Yes:</small>	<input type="checkbox"/> ADS-B
<b>Airframe Total Time:</b> <u>9655</u> hrs	<b>ELT Manufacturer:</b> <u>Pointer</u>	<input type="checkbox"/> Airframe Parachute
<small>hours measured at (Select one)</small>	<b>Model or Part No.:</b> <u>3000-10</u>	<input checked="" type="checkbox"/> Angle of Attack Indicator
<input checked="" type="radio"/> Last Inspection <input type="radio"/> Time of Accident/Incident	<b>TSO No.:</b> <input type="radio"/> C91 (121.5 MHz) <input checked="" type="radio"/> C91a (121.5 MHz)	<input checked="" type="checkbox"/> Autopilot
	<input type="radio"/> C126 (406 MHz)	<input checked="" type="checkbox"/> Data Recorder
<b>Type of Maintenance Program (Select one)</b>	<b>Was ELT still mounted in aircraft?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/> Electronic Flight Bag or Handheld Device
<input type="radio"/> Annual	<b>Was ELT still connected to antenna?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="checkbox"/> Electronic Multifunction Display
<input type="radio"/> Conditional (Amateur-built only)	<b>Did ELT Activate?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/> Electronic Primary Flight Display
<input type="radio"/> Manufacturer's Inspection Program	<small>If activated:</small>	<input type="checkbox"/> Handheld GPS
<input type="radio"/> Other Approved Inspection Program (AAIP)	<b>Did ELT Aid in Locating Aircraft?</b> <input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="checkbox"/> Heads Up Display
<input checked="" type="radio"/> Continuous Airworthiness	<small>If not activated:</small>	<input type="checkbox"/> Onboard Weather
<input type="radio"/> Other, specify: _____	<b>Indicate Reason:</b>	<input checked="" type="checkbox"/> Satellite Tracking Device
<b>Description of Fire Extinguishing System</b>	<input type="checkbox"/> Impact Damage	<input checked="" type="checkbox"/> Stall Warning System
<input type="radio"/> None	<input type="checkbox"/> Fire Damage	<input type="checkbox"/> Video Recording Device
<input type="radio"/> Specify: _____	<input type="checkbox"/> Battery Expired Damaged	<input type="checkbox"/> Other, Specify: _____
	<input type="checkbox"/> Unknown	

**OWNER/OPERATOR INFORMATION**

**Registered Aircraft Owner**

Name: R.P. Sales; Leasing

City: Altamonte Springs

State: FL ZIP: 32714

Fractional Ownership Aircraft:  Yes  No

Country: USA

**Operator of Aircraft**

Same As Registered Owner

Same Address as Registered Owner

Name: J.P.M.

City: \_\_\_\_\_

Doing Business As: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Air Carrier Operator Designator (4 Character Code): \_\_\_\_\_

Country: \_\_\_\_\_

**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 103
- FAR 121
- FAR 125
- FAR 129
- FAR 133
- FAR 135
- FAR 137
- FAR 415
- FAR 431
- FAR 435
- FAR 437
- FAR 91 Special Flight
- Non-U.S. Commercial
- Non-U.S. 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
- Non-Scheduled or Air Taxi
- Passenger
- Cargo
- Mail Contract Only
- Domestic
- International

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

(Select one)

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

**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: Orlando/Sunford Intl

Distance From Airport Center: \_\_\_\_\_ sm

Airport Identifier: KSFB

Direction From Airport: \_\_\_\_\_ degrees true

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

Airport Elevation: \_\_\_\_\_ ft. msl

**Runway Information**

Runway ID: 10000 (L/R/C) Length: \_\_\_\_\_ ft. Width: \_\_\_\_\_ ft.

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

- Runway/Landing Surface (Check all that apply)**
- Asphalt
  - Concrete
  - Dirt
  - Grass/Turf
  - Gravel
  - Ice
  - Macadam
  - Metal/Wood
  - Snow
  - Water
  - Unknown

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

**Approach/Departure Segment (Select one)**

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

**IFR Approach (Check all that apply)**

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

**VFR Approach (Check all that apply)**

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

**"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: James   City of Residence: Sanford  
 Middle Initial: C   State: FL   ZIP: 32773  
 Last Name: Watkins   Country: USA  
 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  
 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**

10/31/18  
 mm/dd/yyyy

**Medical Certificate Limitations**

Holder shall possess glasses

**Medical Certificate Special Issuance**

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

03/02/19  
 mm/dd/yyyy

**Flight Review Aircraft**

Make: Cessna  
 Model: Citation 650

**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)

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	30000	4000		28000						
Pilot in Command (PIC)	29000	3900		27500						
Time as Instructor	8000	400		1150						
This Make/Model										
Last 90 Days	75	60		60						
Last 30 Days	20	30		30						
Last 24 Hours	0	6		6						

**"FLIGHT CREWMEMBER 2" INFORMATION**

"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident  
 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: ROBERT City of Residence: JACKSONVILLE  
 Middle Initial: J State: FL ZIP: 32225  
 Last Name: KLEINHANS Country: USA  
 Age at time of Accident/Incident: 69 Date of Birth: [REDACTED] / 45  
 Certificate Number: [REDACTED]

<b>Degree of Injury</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious	<b>Seat Occupied</b> <input type="checkbox"/> Left <input checked="" type="checkbox"/> Front <input type="checkbox"/> Unknown <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single	<b>Restraint Type</b> <b>Available</b> <input type="checkbox"/> None <input type="checkbox"/> Lap only <input type="checkbox"/> 3-point <input type="checkbox"/> 4-point <input checked="" type="checkbox"/> 5-point <input type="checkbox"/> Unknown <b>Used</b> <input type="checkbox"/> None <input type="checkbox"/> Lap only <input type="checkbox"/> 3-point <input checked="" type="checkbox"/> 4-point <input type="checkbox"/> 5-point <input type="checkbox"/> Unknown	<b>Inflatable Restraints</b> <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input type="checkbox"/> Private <input type="checkbox"/> Recreational <input checked="" type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Student <input type="checkbox"/> Sport <input type="checkbox"/> Flight Engineer		<b>Medical Certificate Validity</b> <input type="checkbox"/> Without limitations waivers <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> With limitations waivers <input type="checkbox"/> N/A <input type="checkbox"/> Special Issuance	<b>Date of Last Medical</b> <u>2/25/19</u> <small>mm dd yyyy</small>
<b>Principal Occupation</b> <input checked="" type="checkbox"/> Pilot <input type="checkbox"/> Other <input type="checkbox"/> Unknown	<b>Medical Certificate</b> <input type="checkbox"/> None <input type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input checked="" type="checkbox"/> Class 2 <input type="checkbox"/> Driver's License (Sport Pilot only) <input type="checkbox"/> Unknown	<b>Date of Last Medical</b> <u>2/25/19</u> <small>mm dd yyyy</small>	

**Medical Certificate Limitations**  
 MUST WEAR CORRECTIVE LENSES. NOT VALID FOR ANY CLASS  
 AFTER 2/29/20

**Medical Certificate Special Issuance**  
 AUTHORIZED UNTIL 2/25/2024

**Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:** 3/4/19  
**Flight Review Aircraft**  
 Make: CESSNA  
 Model: C 650

<b>Airplane Rating(s)</b> (Check all that apply) <input type="checkbox"/> None <input checked="" type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input checked="" type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	<b>Other Aircraft Rating(s)</b> (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instrument Rating(s)</b> (Check all that apply) <input type="checkbox"/> None <input checked="" type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instructor Rating(s)</b> (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Gyroplane <input type="checkbox"/> Powered Lift <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Helicopter <input type="checkbox"/> Glider <input type="checkbox"/> Sport
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**Type Ratings**  
 CE-500, CE 525S, CE-650  
 DA-20, DA-50, LR-JET

Flight Time (Time average or 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	4353.6	2618.1	1247.6	311.0						
Pilot in Command (PIC)	3690.8	72.1	<del>340.8</del>	244.1						
Time as Instructor										
This Make Model										
Last 90 Days	86.1	74.1		26.1	19.1	2.4				
Last 30 Days	31.5	31.5		31.5	10.9					
Last 24 Hours	2.4	2.4		2.4	2.4					

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

<b>Crew Name and Address</b>		<b>Seat Occupied</b>	<b>Injury</b>
First Name: _____	City of Residence: _____	<input type="radio"/> Left	<input type="radio"/> Front
Middle Initial: _____	State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Rear
Last Name: _____	Country: _____	<input type="radio"/> Right	<input type="radio"/> Single
		<input type="radio"/> Unknown	<input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply)		<b>Restraint Type:</b>	<b>Inflatable Restraints</b>
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	<b>Available</b>	<b>Used</b>
<input type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input type="checkbox"/> None	<input type="checkbox"/> None
<input type="checkbox"/> Student	<input type="checkbox"/> Sport	<input type="checkbox"/> Lap Only	<input type="checkbox"/> Lap Only
	<input type="checkbox"/> Commercial	<input type="checkbox"/> 3-point	<input type="checkbox"/> 3-point
	<input type="checkbox"/> Airline Transport	<input type="checkbox"/> 4-point	<input type="checkbox"/> 4-point
	<input type="checkbox"/> Flight Engineer	<input type="checkbox"/> 5-point	<input type="checkbox"/> 5-point
	<input type="checkbox"/> US Military	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown
	<input type="checkbox"/> Foreign		
<b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs	

<b>Crew Name and Address</b>		<b>Seat Occupied</b>	<b>Injury</b>
First Name: _____	City of Residence: _____	<input type="radio"/> Left	<input type="radio"/> Front
Middle Initial: _____	State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Rear
Last Name: _____	Country: _____	<input type="radio"/> Right	<input type="radio"/> Single
		<input type="radio"/> Unknown	<input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply)		<b>Restraint Type:</b>	<b>Inflatable Restraints</b>
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	<b>Available</b>	<b>Used</b>
<input type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input type="checkbox"/> None	<input type="checkbox"/> None
<input type="checkbox"/> Student	<input type="checkbox"/> Sport	<input type="checkbox"/> Lap Only	<input type="checkbox"/> Lap Only
	<input type="checkbox"/> Commercial	<input type="checkbox"/> 3-point	<input type="checkbox"/> 3-point
	<input type="checkbox"/> Airline Transport	<input type="checkbox"/> 4-point	<input type="checkbox"/> 4-point
	<input type="checkbox"/> Flight Engineer	<input type="checkbox"/> 5-point	<input type="checkbox"/> 5-point
	<input type="checkbox"/> US Military	<input type="checkbox"/> Unknown	<input type="checkbox"/> Unknown
	<input type="checkbox"/> Foreign		
<b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Total Flight Time at the Time of this Accident/Incident:</b> _____ 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>Jason</u> City: <u>Windermere</u> Middle Initial: _____ State: <u>FL</u> ZIP: _____ Last Name: <u>Williams</u> Country: <u>USA</u> <input type="radio"/> Crew <input checked="" type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input checked="" type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input checked="" type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <input type="radio"/> None <input type="radio"/> Lap Only <input checked="" type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown <b>Used</b> <input type="radio"/> None <input type="radio"/> Lap Only <input checked="" type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input checked="" type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> Unknown
First Name: <u>Nick</u> City: <u>Windermere</u> Middle Initial: _____ State: <u>FL</u> ZIP: _____ Last Name: <u>Winkelman</u> Country: <u>USA</u> <input type="radio"/> Crew <input checked="" type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input checked="" type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input checked="" type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <input type="radio"/> None <input type="radio"/> Lap Only <input checked="" type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown <b>Used</b> <input type="radio"/> None <input type="radio"/> Lap Only <input checked="" type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input checked="" type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown <b>Used</b> <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown <b>Used</b> <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> Unknown

### FLIGHT ITINERARY INFORMATION

<b>Last Departure Point</b> Airport ID: <u>KCRW</u> City: <u>Charleston</u> State: <u>WV</u> Country: <u>USA</u>	<b>Time of Departure</b> Time: <u>21:00</u> Time Zone: <u>ETD</u>	<b>Destination</b> Airport ID: <u>KSFB</u> City: <u>Sanford</u> State: <u>Florida</u> Country: <u>USA</u>	<b>Type Flight Plan Filed</b> <input type="radio"/> None <input type="radio"/> Company VFR <input type="radio"/> Military VFR <input type="radio"/> VFR <input checked="" type="radio"/> VFR IFR <input checked="" type="radio"/> IFR <input type="radio"/> Unknown Activated? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
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**Type of ATC Clearance/Service** (Check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Special VFR	<input type="checkbox"/> Special IFR	<input type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input type="checkbox"/> VFR	<input checked="" type="checkbox"/> IFR	<input type="checkbox"/> VFR On Top	<input type="checkbox"/> Traffic Advisory	<input type="checkbox"/> Unknown / NA

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

<input type="checkbox"/> Class A	<input type="checkbox"/> Class G	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> Special	<b>Altitude of In-Flight Occurrence:</b> _____ ft msl
<input type="checkbox"/> Class B	<input type="checkbox"/> Demo Area	<input type="checkbox"/> Airport Advisory Area	<input type="checkbox"/> Air Traffic Control Area	
<input type="checkbox"/> Class C	<input type="checkbox"/> Warning Area	<input type="checkbox"/> Jet Training Area	<input type="checkbox"/> Unknown	
<input type="checkbox"/> Class D	<input type="checkbox"/> Prohibited Area	<input type="checkbox"/> FRSA		
<input type="checkbox"/> Class E	<input type="checkbox"/> Restricted Area	<input type="checkbox"/> FAR 93		

### WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

<b>Source of Pilot Weather Information</b> (Check all that apply) <table style="width:100%;"> <tr> <td><input type="checkbox"/> National Weather Service</td> <td><input type="checkbox"/> Company</td> </tr> <tr> <td><input checked="" type="checkbox"/> Flight Service Station</td> <td><input type="checkbox"/> Military</td> </tr> <tr> <td><input type="checkbox"/> TV Radio</td> <td><input type="checkbox"/> Internet</td> </tr> <tr> <td><input type="checkbox"/> Automated Report</td> <td><input type="checkbox"/> None</td> </tr> <tr> <td><input type="checkbox"/> Commercial Weather Service (DUATS)</td> <td><input type="checkbox"/> Unknown</td> </tr> <tr> <td><input type="checkbox"/> On-Board Weather</td> <td></td> </tr> </table>	<input type="checkbox"/> National Weather Service	<input type="checkbox"/> Company	<input checked="" type="checkbox"/> Flight Service Station	<input type="checkbox"/> Military	<input type="checkbox"/> TV Radio	<input type="checkbox"/> Internet	<input type="checkbox"/> Automated Report	<input type="checkbox"/> None	<input type="checkbox"/> Commercial Weather Service (DUATS)	<input type="checkbox"/> Unknown	<input type="checkbox"/> On-Board Weather		<b>Weather Observation Facility</b> Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ degrees true
<input type="checkbox"/> National Weather Service	<input type="checkbox"/> Company												
<input checked="" type="checkbox"/> Flight Service Station	<input type="checkbox"/> Military												
<input type="checkbox"/> TV Radio	<input type="checkbox"/> Internet												
<input type="checkbox"/> Automated Report	<input type="checkbox"/> None												
<input type="checkbox"/> Commercial Weather Service (DUATS)	<input type="checkbox"/> Unknown												
<input type="checkbox"/> On-Board Weather													

<b>Basic Conditions</b> <input type="radio"/> VMC <input type="radio"/> IMC <input type="radio"/> Unknown	<b>Light Condition</b> <input type="radio"/> Dawn <input type="radio"/> Day <input type="radio"/> Dusk <input type="radio"/> Night <input type="radio"/> Dark Night <input type="radio"/> Bright Night <input type="radio"/> Unknown
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<b>Sky/Lowest Cloud Condition</b> <input type="radio"/> Clear <input type="radio"/> Few <input type="radio"/> Partial Obscuration <input type="radio"/> Scattered <input type="radio"/> Thin Broken <input type="radio"/> Thin Overcast <input type="radio"/> Unknown	<b>Ceiling</b> <input type="radio"/> None (Clear) <input type="radio"/> Broken <input type="radio"/> Overcast <input type="radio"/> Obscured <input type="radio"/> Indefinite <input type="radio"/> Unknown	Temperature: _____ (C) or _____ (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: _____ in. Hg or _____ MB
<b>Lowest Cloud Condition Height</b> _____ ft agl	<b>Ceiling Height</b> _____ ft agl	

<b>Wind Direction</b> <input type="checkbox"/> Variable -or- Direction: _____ degrees true	<b>Wind Speed</b> <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable -or- Speed: _____ kts	<b>Wind Gusts</b> <input type="checkbox"/> Not Gusting -or- Speed: _____ kts	<b>Visibility</b> _____ miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
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<b>Intensity of Precipitation</b> <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input type="radio"/> N/A <input type="radio"/> Unknown	<b>Type of Precipitation</b> (Check all that apply) <table style="width:100%;"> <tr> <td><input type="checkbox"/> None</td> <td><input type="checkbox"/> Drizzle</td> <td><input type="checkbox"/> Freezing Rain</td> </tr> <tr> <td><input type="checkbox"/> Rain</td> <td><input type="checkbox"/> Ice Pellets</td> <td><input type="checkbox"/> Snow Shower</td> </tr> <tr> <td><input type="checkbox"/> Snow</td> <td><input type="checkbox"/> Snow Pellets</td> <td><input type="checkbox"/> Ice Pellets Shower</td> </tr> <tr> <td><input type="checkbox"/> Hail</td> <td><input type="checkbox"/> Snow Grains</td> <td><input type="checkbox"/> Freezing Drizzle</td> </tr> <tr> <td><input type="checkbox"/> Rain Showers</td> <td><input type="checkbox"/> Ice Crystals</td> <td></td> </tr> </table>	<input type="checkbox"/> None	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Freezing Rain	<input type="checkbox"/> Rain	<input type="checkbox"/> Ice Pellets	<input type="checkbox"/> Snow Shower	<input type="checkbox"/> Snow	<input type="checkbox"/> Snow Pellets	<input type="checkbox"/> Ice Pellets Shower	<input type="checkbox"/> Hail	<input type="checkbox"/> Snow Grains	<input type="checkbox"/> Freezing Drizzle	<input type="checkbox"/> Rain Showers	<input type="checkbox"/> Ice Crystals		<b>Restriction to Visibility</b> (Check all that apply) <table style="width:100%;"> <tr> <td><input type="checkbox"/> None</td> <td><input type="checkbox"/> Fog</td> </tr> <tr> <td><input type="checkbox"/> Blowing Dust</td> <td><input type="checkbox"/> Ground Fog</td> </tr> <tr> <td><input type="checkbox"/> Blowing Sand</td> <td><input type="checkbox"/> Haze</td> </tr> <tr> <td><input type="checkbox"/> Blowing Snow</td> <td><input type="checkbox"/> Ice Fog</td> </tr> <tr> <td><input type="checkbox"/> Blowing Spray</td> <td><input type="checkbox"/> Smoke</td> </tr> <tr> <td><input type="checkbox"/> Dust</td> <td><input type="checkbox"/> Unknown</td> </tr> </table>	<input type="checkbox"/> None	<input type="checkbox"/> Fog	<input type="checkbox"/> Blowing Dust	<input type="checkbox"/> Ground Fog	<input type="checkbox"/> Blowing Sand	<input type="checkbox"/> Haze	<input type="checkbox"/> Blowing Snow	<input type="checkbox"/> Ice Fog	<input type="checkbox"/> Blowing Spray	<input type="checkbox"/> Smoke	<input type="checkbox"/> Dust	<input type="checkbox"/> Unknown
<input type="checkbox"/> None	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Freezing Rain																											
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<input type="checkbox"/> Blowing Spray	<input type="checkbox"/> Smoke																												
<input type="checkbox"/> Dust	<input type="checkbox"/> Unknown																												

<b>Icing Forecast</b> <table style="width:100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input type="radio"/> None</td> <td><input type="radio"/> N/A</td> </tr> <tr> <td><input type="radio"/> Trace</td> <td><input type="radio"/> Rime</td> </tr> <tr> <td><input type="radio"/> Light</td> <td><input type="radio"/> Clear</td> </tr> <tr> <td><input type="radio"/> Moderate</td> <td><input type="radio"/> Mixed</td> </tr> <tr> <td><input type="radio"/> Severe</td> <td><input type="radio"/> Unknown</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td></td> </tr> </table>	Amount	Type	<input type="radio"/> None	<input type="radio"/> N/A	<input type="radio"/> Trace	<input type="radio"/> Rime	<input type="radio"/> Light	<input type="radio"/> Clear	<input type="radio"/> Moderate	<input type="radio"/> Mixed	<input type="radio"/> Severe	<input type="radio"/> Unknown	<input type="radio"/> Unknown		<b>Icing Actual</b> <table style="width:100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input type="radio"/> None</td> <td><input type="radio"/> N/A</td> </tr> <tr> <td><input type="radio"/> Trace</td> <td><input type="radio"/> Rime</td> </tr> <tr> <td><input type="radio"/> Light</td> <td><input type="radio"/> Clear</td> </tr> <tr> <td><input type="radio"/> Moderate</td> <td><input type="radio"/> Mixed</td> </tr> <tr> <td><input type="radio"/> Severe</td> <td><input type="radio"/> Unknown</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td></td> </tr> </table>	Amount	Type	<input type="radio"/> None	<input type="radio"/> N/A	<input type="radio"/> Trace	<input type="radio"/> Rime	<input type="radio"/> Light	<input type="radio"/> Clear	<input type="radio"/> Moderate	<input type="radio"/> Mixed	<input type="radio"/> Severe	<input type="radio"/> Unknown	<input type="radio"/> Unknown		<b>Turbulence</b> <table style="width:100%;"> <tr> <th>Type (Check all that apply)</th> <th>Severity</th> </tr> <tr> <td><input type="checkbox"/> None</td> <td><input type="checkbox"/> Light</td> </tr> <tr> <td><input type="checkbox"/> Clear Air</td> <td><input type="checkbox"/> Moderate</td> </tr> <tr> <td><input type="checkbox"/> Terrain-Induced</td> <td><input type="checkbox"/> Severe</td> </tr> <tr> <td><input type="checkbox"/> Convective Turbulence</td> <td><input type="checkbox"/> Extreme</td> </tr> </table>	Type (Check all that apply)	Severity	<input type="checkbox"/> None	<input type="checkbox"/> Light	<input type="checkbox"/> Clear Air	<input type="checkbox"/> Moderate	<input type="checkbox"/> Terrain-Induced	<input type="checkbox"/> Severe	<input type="checkbox"/> Convective Turbulence	<input type="checkbox"/> Extreme
Amount	Type																																							
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<input type="checkbox"/> Terrain-Induced	<input type="checkbox"/> Severe																																							
<input type="checkbox"/> Convective Turbulence	<input type="checkbox"/> Extreme																																							

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



**DAMAGE TO AIRCRAFT AND OTHER PROPERTY**

**Aircraft Damage**

- None
- Substantial
- Minor
- 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)*

BROKEN NOSE GEAR ACTUATOR, NOSE GEAR COLLAPSE  
CAUSING HULL DAMAGE

**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.

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

**Total Time/Cycles On Part**  
 \_\_\_\_\_ Hours  
 \_\_\_\_\_ Cycles

**Time Since This Part Inspected/Overhauled**  
 \_\_\_\_\_ Hours

**FUEL & SERVICES INFORMATION**

**Fuel on Board at Last Takeoff**  
 (Convert from pounds, as necessary)

\_\_\_\_\_ 300 Gallons

**Fuel Type**

80/87       15-145       Jet B       Other, specify \_\_\_\_\_  
 100 Low Lead       Jet A       JP8  
 100/130       Jet A-1       Automotive

Other Services, if Any, Prior to Departure

**EVACUATION OF AIRCRAFT**

Was an emergency evacuation of the aircraft performed?  Yes  No

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

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

Aircraft Registration Number

Manufacturer: \_\_\_\_\_

**Damage to Other Aircraft**

Model: \_\_\_\_\_

Destroyed       Minor  
 Substantial       None

**Registered Owner of Other Aircraft**

**Pilot of Other Aircraft**

Name: \_\_\_\_\_

Name: \_\_\_\_\_

City: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Country: \_\_\_\_\_

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: 03/29/19  
mm/dd/yyyy

Name of Pilot/Operator: James C Watkins

Signature: [Redacted Signature]

-- or --  Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_

-- or --  Check here to electronically sign this document

**FOR NTSB USE ONLY**

NTSB Accident/Incident No. ERA19LA133	Reviewed by NTSB Regional Office ERA	Name of Investigator Gretz	Date Report Received 4/4/19
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March 18, 2019

Inspector Haynes

N220CM Incident

Dear Sir,

In regards to aircraft N220CM incident at the Orlando Sanford International Airport on Thursday 3/14/2019. The taxiway we normally use had an aircraft sitting on the taxi way so we took an alternate route and when I thought I was past were the incident happen I asked the copilot if I was clear on the right side. There were 4 or 5 additional aircraft on the ramp we were trying to get past the little aircraft that were no doubt going out for the night flights. When I asked him if I was clear I was talking about the area where the incident happen and he was talking about the various aircraft. So I turned to the right and that is where the incident occurred.

If you have any questions please feel free to let me know.

Sincerely,

A handwritten signature in black ink, which appears to read "James C Watkins", is written over a thick black horizontal redaction bar.

James C Watkins

March 20, 2019

Inspector Haynes

RE: N220CM Incident

Dear Sir:

On Thursday 3/14/19, I was the copilot (pilot not flying), sitting in the right seat. We landed on 9L at about 10:13 PM and were cleared to taxi to the ramp via Bravo & Kilo. We taxied down Kilo past the Comair ramp to the 1<sup>st</sup> turnoff to the ramp. Because of where Comair planes park on the ramp this is normally a tight fit. As we were taxiing past Comair, the captain reminded me to look out for aircraft which I took as aircraft parked or moving on the 1<sup>st</sup> turnoff. I stated "Its clear" or "Your clear" & he then turned onto the ramp. As he turned off we felt a sudden lurch and a loud bang and the aircraft nose dropped about 3 inches as if the nose wheel suddenly stopped. The captain then taxied straight forward about 50 feet. The main gear rolled right over whatever was there without any bump. The nose wheel steering did not work at that point. I looked down and the nose wheel steering light was out & I tried to reset it, but it wouldn't reset. The captain then shut down the plane.

Respectfully,

  
Robert J. Kleinhans