

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. 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 cowlings, 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.nts.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

Accident/Incident Location
 Nearest City/Place: Boston State: MA
 ZIP: 02128 Country: U.S.A.
 Latitude: 42:21:46.67N Longitude: 071:00:23.13W
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time
 Date: 06/28/2015 Local Time: 2320
mm/dd/yyyy Time Zone: EDT
Collision with Other Aircraft: Midair On-ground None

AIRCRAFT INFORMATION

Registration Number: N335NW
Manufacturer: Airbus
Model: A320-212
Serial Number: 340
Year of Manufacture: 1992
Amateur-Built: Yes No *If Yes:* Kit/Plans Original Design Make: _____

IFR-Equipped and Certified
 Commercial Space Flight
 Unmanned Aircraft
Maximum Gross Weight: 37,230 lbs
Weight at Time of Accident/Incident: _____ lbs
Number of Seats: 159 Flight Crew Seats: 4
 Cabin Crew Seats: 5 Passenger Seats: 150
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 Normal Aerobatic Balloon Commuter Transport Utility
Special Restricted Limited Provisional Special Flight Experimental 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. <i>mm/dd/yyyy</i>	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	CFMI	CFM56-5A3	731571	08/21/1991	26,500	63,229	4,154	4,154
Eng. 2	CFMI	CFM56-5A3	733341	03/14/2003	26,500	32,284	169	169
Eng. 3								
Eng. 4								

Last Inspection Type
 100-Hour Continuous Airworthiness
 AAIP Conditional Inspection
 Annual Unknown

Propeller 1
 Fixed Pitch
 Controllable Pitch
 Ground Adjustable
 Manufacturer: _____
 Model: _____

Propeller 2
 Fixed Pitch
 Controllable Pitch
 Ground Adjustable
 Manufacturer: _____
 Model: _____

Date Last Inspection: 05/16/2015
mm/dd/yyyy
Airframe Total Time: 66,298 hrs
 hours measured at *(Select one)*
 Last Inspection Time of Accident/Incident

ELT Installed: Yes No
If Yes:
ELT Manufacturer: _____
Model or Part No.: _____
TSO No.: C91 (121.5 MHz) C91a (121.5 MHz)
 C126 (406 MHz)

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: _____

Type of Maintenance Program (Select one)
 Annual
 Conditional (Amateur-built only)
 Manufacturer's Inspection Program
 Other Approved Inspection Program (AAIP)
 Continuous Airworthiness
 Other, specify: _____

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:

Description of Fire Extinguishing System
 None
 Specify: _____

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

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner

Name: Delta Air Lines, Inc.

City: Atlanta

State: GA ZIP: 30354

Fractional Ownership Aircraft: Yes No

Country: U.S.A.

Operator of Aircraft

Same As Registered Owner

Same Address as Registered Owner

Name: _____

City: _____

Doing Business As: _____

State: _____ ZIP: _____

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

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 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: _____

Distance From Airport Center: _____ sm

Airport Identifier: _____

Direction From Airport: _____ degrees true

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

Airport Elevation: _____ ft. msl

Runway Information

Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ ft

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

Runway/Landing Surface (Check all that apply)

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

- 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

“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: Joseph

City of Residence: _____

Middle Initial: D

State: _____ ZIP: _____

Last Name: Angele

Country: U.S.A.

Age at time of Accident/Incident: 61 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

04/22/2015
mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Special Issuance

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

11/19/2014
mm/dd/yyyy

Flight Review Aircraft

Make: Airbus

Model: A320

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 Instrument Airplane
 Airplane Single-Engine Instrument Helicopter
 Airplane Multi-Engine Helicopter
 Gyroplane Glider
 Powered Lift Sport

Type Ratings

A-330, B757, B767, B777, A320

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	9,611	290								
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days	113									
Last 30 Days										
Last 24 Hours	4									

"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: Derek City of Residence: [REDACTED]
 Middle Initial: F State: [REDACTED] ZIP: [REDACTED]
 Last Name: Nalewajko Country: U.S.A.
 Age at time of Accident/Incident: 43 Date of Birth: [REDACTED] mm/dd/yyyy
 Certificate Number: [REDACTED]

Degree of Injury <input checked="" type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	Seat Occupied <input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Unknown <input checked="" type="radio"/> Right <input type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single	Restraint Type Available <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input checked="" type="radio"/> 5-point <input type="radio"/> Unknown Used <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input checked="" type="radio"/> 5-point <input type="radio"/> Unknown	Inflatable Restraints <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
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Pilot Certificate(s) (Check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	<input checked="" 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	

Principal Occupation <input checked="" type="radio"/> Pilot <input type="radio"/> Other <input type="radio"/> Unknown	Medical Certificate <input type="radio"/> None <input type="radio"/> Class 3 <input checked="" type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only) <input type="radio"/> Class 2 <input type="radio"/> Unknown	Medical Certificate Validity <input type="radio"/> Without limitations/waivers <input checked="" type="radio"/> Unknown <input type="radio"/> With limitations/waivers <input type="radio"/> N/A <input type="radio"/> Special Issuance	Date of Last Medical <u>02/09/2015</u> mm/dd/yyyy
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Medical Certificate Limitations

Medical Certificate Special Issuance

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>04/14/2015</u> mm/dd/yyyy	Flight Review Aircraft Make: <u>Airbus</u> Model: <u>A320</u>
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Airplane Rating(s) (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	Other Aircraft Rating(s) (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	Instrument Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instructor Rating(s) (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 <u>A320</u>	Student Endorsements (Include dates)
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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	488	488								
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days	159									
Last 30 Days										
Last 24 Hours	4									

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

Crew Name and Address		Seat Occupied	Injury
First Name: <u>Darin</u> City of Residence: <u>[REDACTED]</u> Middle Initial: <u>R</u> State: <u>[REDACTED]</u> ZIP: <u>[REDACTED]</u> Last Name: <u>Anderson</u> Country: <u>U.S.A</u>		<input type="radio"/> Left <input type="radio"/> Front <input checked="" type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown <input type="radio"/> Unknown	<input checked="" type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
Pilot Certificate(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input checked="" 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		Restraint Type: Available Used <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input checked="" type="radio"/> 5-point <input checked="" type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	Inflatable Restraints <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Total Flight Time at the Time of this Accident/Incident: <u>7,666</u> hrs	

Crew Name and Address		Seat Occupied	Injury
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown <input type="radio"/> Unknown	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
Pilot Certificate(s) (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 type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Student <input type="checkbox"/> Sport <input type="checkbox"/> Flight Engineer		Restraint Type: Available Used <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	Inflatable Restraints <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> 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>Carrie</u> City: <u>[REDACTED]</u> Middle Initial: _____ Last Name: <u>Giordani</u> Country: <u>U.S.A.</u> <input type="radio"/> Crew <input checked="" type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input checked="" type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input checked="" type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	Available Used <input type="radio"/> None <input type="radio"/> None <input checked="" type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input checked="" type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input checked="" type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: <u>Angela</u> City: <u>[REDACTED]</u> Middle Initial: <u>D</u> Last Name: <u>Hyman</u> Country: <u>U.S.A.</u> <input checked="" type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input checked="" 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	Available Used <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input checked="" 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="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: <u>Chong Im</u> City: <u>[REDACTED]</u> Middle Initial: <u>C</u> Last Name: <u>Desmarais</u> Country: <u>U.S.A.</u> <input checked="" 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: <u>2R</u>	<input checked="" type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	Available Used <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input checked="" 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="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: <u>Michelle</u> City: <u>[REDACTED]</u> Middle Initial: <u>E</u> Last Name: <u>Mancini</u> Country: <u>U.S.A.</u> <input checked="" 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 checked="" type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	Available Used <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input checked="" type="radio"/> 4-point <input checked="" type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input checked="" 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="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>KMCO</u> City: <u>Orlando</u> State: <u>FL</u> Country: <u>U.S.A</u>	Time of Departure Time: <u>21:07</u> Time Zone: <u>EDT</u>	Destination Airport ID: <u>KBOS</u> City: <u>Boston</u> State: <u>MA</u> Country: <u>U.S.A.</u>	Type Flight Plan Filed <input type="radio"/> None <input type="radio"/> Company VFR <input type="radio"/> Military VFR <input type="radio"/> VFR <input type="radio"/> VFR/IFR <input checked="" type="radio"/> IFR <input type="radio"/> Unknown Activated? <input checked="" 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 checked="" type="checkbox"/> Class A	<input type="checkbox"/> Class G	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> Special
<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"/> TRSA	
<input type="checkbox"/> Class E	<input type="checkbox"/> Restricted Area	<input type="checkbox"/> FAR 93	

Altitude of In-Flight Occurrence: _____ ft msl

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information (Check all that apply) <input type="checkbox"/> National Weather Service <input type="checkbox"/> Flight Service Station <input type="checkbox"/> TV/Radio <input type="checkbox"/> Automated Report <input type="checkbox"/> Commercial Weather Service (DUATS) <input type="checkbox"/> On-Board Weather <input checked="" type="checkbox"/> Company <input type="checkbox"/> Military <input type="checkbox"/> Internet <input type="checkbox"/> None <input type="checkbox"/> Unknown	Weather Observation Facility Facility ID: <u>KBOS</u> Observation Time: <u>0438</u> Time Zone: <u>UTC</u> Distance from Accident Site: _____ nm Direction from Accident Site: _____ degrees true
--	--

Basic Conditions <input type="radio"/> VMC <input type="radio"/> IMC <input checked="" type="radio"/> Unknown	Light Condition <input type="radio"/> Dawn <input type="radio"/> Day <input type="radio"/> Dusk <input checked="" type="radio"/> Night <input type="radio"/> Dark Night <input type="radio"/> Bright Night <input type="radio"/> Unknown
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Sky/Lowest Cloud Condition <input type="radio"/> Clear <input type="radio"/> Few <input type="radio"/> Partial Obscuration <input type="radio"/> Scattered <input type="radio"/> Thin Broken <input checked="" type="radio"/> Thin Overcast <input type="radio"/> Unknown Lowest Cloud Condition Height <u>1,200</u> ft agl	Ceiling <input type="radio"/> None (Clear) <input type="radio"/> Broken <input checked="" type="radio"/> Overcast <input type="radio"/> Obscured <input type="radio"/> Indefinite <input type="radio"/> Unknown Ceiling Height <u>1,200</u> ft agl	Temperature: <u>12</u> (C) or _____ (F) Dew Point: <u>11</u> (C) or _____ (F) Altimeter Setting: <u>29.78</u> in. Hg or _____ MB
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Wind Direction <input type="checkbox"/> Variable -or- Direction: <u>300</u> degrees true	Wind Speed <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable -or- Speed: <u>4</u> kts	Wind Gusts <input checked="" type="checkbox"/> Not Gusting -or- Speed: _____ kts	Visibility <u>3</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
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Intensity of Precipitation <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input checked="" type="radio"/> N/A <input type="radio"/> Unknown	Type of Precipitation (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> Hail <input type="checkbox"/> Rain Showers <input type="checkbox"/> Drizzle <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Snow Grains <input type="checkbox"/> Ice Crystals <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Snow Shower <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Freezing Drizzle	Restriction to Visibility (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Blowing Dust <input type="checkbox"/> Blowing Sand <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Dust <input type="checkbox"/> Fog <input type="checkbox"/> Ground Fog <input type="checkbox"/> Haze <input type="checkbox"/> Ice Fog <input type="checkbox"/> Smoke <input type="checkbox"/> Unknown
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Icing Forecast <table style="width: 100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input checked="" 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 checked="" 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		Icing Actual <table style="width: 100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input checked="" 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 checked="" 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		Turbulence <table style="width: 100%;"> <tr> <th>Type</th> <th>Severity</th> </tr> <tr> <td><input checked="" 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	Severity	<input checked="" 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																																							
<input checked="" type="radio"/> None	<input type="radio"/> N/A																																							
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<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
- Both Ground and In-Flight
- In-Flight
- Fire at Unknown Time
- On-Ground
- Unknown

Aircraft Explosion

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

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

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.

See attached.

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)

4,559 _____ Gallons

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**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: _____

Model: _____

Damage to Other Aircraft

Destroyed Minor
 Substantial None

Registered Owner of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

ADDITIONAL INFORMATION (Please type or print in ink)

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

A letter received from a representative for the injured passenger stated that the passenger sustained a fractured right ankle and lower right leg. The letter indicated that the fall was due to an accumulation of water on the surface of the floor immediately outside of the bathroom door area.

Additional Cabin Crew:
Roxanne N. Dougherty

[REDACTED]
No Injury

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

Date of this Report 10/09/2015 of Pilot/Operator: Joshua A. Migdal
mm/dd/yyyy 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.	Reviewed by NTSB Regional Office	Name of Investigator	Date Report Received
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Internal Memorandum

Date: 7/20/2015

To: Captain Phil Davis, Director & Chief Pilot – SLC
From: Captain Joseph D. Angele, SLC A-320 AIRBUS
Subject: Internal/NTSB II15-113 Pax Injury: F2219 28-JUN-15 MCO-BOS A-320-212 N335NW (3235)
CAP1: ANDERSON, D.R. (ATL), CAP2: ANGELE, J.D. (SLC), FO: NALEWAJKO, D.F. (SLC)

This statement is provided at the request of the Chief Pilot's Office.

I was the Pilot Flying. We had begun our descent into Boston Logan International Airport. The First Officer had turned on the seatbelt sign and made the initial announcement on the PA instructing passengers to remain seated for the duration of the flight and the flight attendants to prepare the cabin for arrival.

Approximately five to seven minutes later, due to a late Air Traffic Control clearance for an altitude restriction and a higher than normal descent angle to meet the altitude restriction, the aircraft speed approached within five knots of the upper limit. I extended the speed brake. The aircraft continued to accelerate so I disconnected the autopilot, which resulted in a bump in the aircraft flight path. Thereafter, the flight deck crew was informed by a flight attendant that a passenger exiting the rear lavatory had fallen and broken her ankle due to a minor bump in the aircraft flight path. The flight crew declared a medical emergency with Air Traffic Control and continued the descent, approach, and landing into Boston without further incident.

The aircraft was met by emergency medical personnel at the gate who attended to the injured passenger.

I acknowledge release of this statement to Delta Flight Safety and the National Transportation Safety Board (NTSB).

Regards,

Captain Joseph D. Angele
Employee # [REDACTED]
(Signature on file)



Internal Memorandum

Date: 7/21/2015

To: Captain Chris Frederick, Director & Chief Pilot – ATL

From: Captain/LCP Darin Anderson, ATL A-320 AIRBUS

Subject: Internal/NTSB II15-113 Pax Injury: F2219 28-JUN-15 MCO-BOS A-320-212 N335NW (3235)
CAP1: ANDERSON, D.R., CAP2: ANGELE, J.D., FO: NALEWAJKO, D.F.

This statement is provided at the request of the Chief Pilot's Office.

I was riding in the jumpseat giving the first of a two-leg line check to the Captain (Pilot Flying). While cruising at FL350, the flight was cleared to descend to FL290. As the Captain initiated the descent, the First Officer (Pilot Monitoring) turned the seat belt sign on and made an appropriate PA.

Prior to reaching the assigned altitude, a subsequent clearance was issued to cross 50 NM south of PROVI at FL210 @ 290 KTS. The Captain entered the crossing restriction into the FMS. The First Officer selected the progress (PROG) page of the FMS to view the aircraft position in relation to the path. The PROG page indicated that the aircraft was 3500 feet high on the path. As the aircraft attempted to intercept the descent path, the airspeed increased to the top of the bracketed range, which was close to the maximum operating speed. The Captain disconnected the autopilot and immediately applied backpressure to the stick to decrease the airspeed. At the same time, I heard a scream from the cabin. I overheard (through my headset) one of the Flight Attendants making a PA requesting any available medical personnel onboard. A Flight Attendant informed the flight crew that a passenger had fallen when exiting the rear lavatory area. Two physicians attended to the injured passenger. A medical emergency was declared and the flight continued to Boston Logan International Airport where emergency medical personnel met the flight at the gate.

I acknowledge release of this statement to Delta Flight Safety and the National Transportation Safety Board (NTSB).

Regards,

Captain/LCP Darin Anderson
Employee # [REDACTED]
(Signature on file)



Internal Memorandum

Date: 7/21/2015

To: Captain Phil Davis, Regional Director – SLC
From: First Officer Derek F. Nalewajko, SLC A-320 AIRBUS
Subject: Internal/NTSB II15-113 Pax Injury: F2219 28-JUN-15 MCO-BOS A-320-212 N335NW (3235)
CAP1: ANDERSON, D.R. (ATL), CAP2: ANGELE, J.D. (SLC), FO: NALEWAJKO, D.F. (SLC)

This statement is provided at the request of the Chief Pilot's Office.

I was the Pilot Monitoring during the above-referenced flight. Prior to our top of descent, the aircraft was cleared to FL290. As the Captain initiated the descent from altitude, I made the standard PA to the passengers regarding the use of their seat belts and turned on the seat belt sign.

Shortly after we commenced the descent, Air Traffic Control (ATC) revised our clearance to cross 50nm south of PROVI at FL210 and 290kts. Once the new constraint was entered in the FMS, the autopilot nosed over the aircraft in order to increase the rate of descent to meet the constraint. As the aircraft continued the descent, the speed started to increase towards maximum operating speed. The Captain disconnected the autopilot and applied back stick pressure in order to raise the nose and slow down the aircraft. Almost immediately after the control stick input, I heard a scream from the main cabin followed by the Flight Attendant call button. We were notified that a passenger had fallen and possibly broken an ankle or leg while leaving the lavatory. ATC and dispatch were notified.

Emergency medical personnel were waiting at the gate when the aircraft arrived.

I acknowledge release of this statement to Delta Flight Safety and the National Transportation Safety Board (NTSB).

Regards,

First Officer Derek Nalewajko
Employee # [REDACTED]
(Signature on file)



Flight Attendant Statements

Flight 2219 (MCO-BOS), A320-200 (Ship N335NW), 06/28/2015

Angela D. Hyman
Purser/Flight Leader

Passenger went into lav. Prior to her exiting, the captain announced our decent. When she was exiting lav the aircraft dropped in altitude. F/A Desmarais & I held onto the counter and other parts of aft galley that we could reach as our knees buckled. I was facing the lav and witnessed the passenger fall forward and try to find something to hold onto to get her balance. As she was falling she twisted her ankle and her foot snapped to the side with a visible break to her ankle. She landed against the right door. I immediately paged for help and then notified the cockpit of the event. I let them know that her ankle was definitely broken and that she would need immediate medical attention once we landed. She was screaming in pain. Two Doctors came back to assist her. They wrapped her ankle/foot with ice and gave her OTC pain meds. Her son & husband also came to comfort her. Because of her pain and the nature of the injury (her foot to the side) we couldn't move her. Her son sat on the floor in the back galley (or whatever the area between the jumpseat & lavs is now called on A32k) and braced her during landing while Dr. Nimbkar attended to her and braced her feet. The 2R & the swivel jumpseat could not be occupied. F/A Desmarais switched jumpseats with me for landing & F/A Mancini sat in a passenger aisle seat in the last row. We indicated to them when/how to brace themselves and her for landing. Once they removed her from the back galley we made sure that the door was disarmed and verified it with the cockpit crew. We asked the Passenger Service Agent to ensure that her three younger children were provided with transportation to the hospital to meet up with the rest of the family.

Roxanne N. Dougherty
1L

I was in front of aircraft and event was in the back. There was a drop in the air and a passenger broke her ankle. All flight attendants went into action. A doctor was used, so was medical equipment.

Chong C. Desmarais
2R

At the beginning of initial decent we experienced a sudden drop of the aircraft. LFA Angela Hyman and I were standing in the aft galley. I had to grab the galley counter to stabilize myself so I did not fall. Passenger Carrie Giordani was exiting the lavatory and fell. She broke her ankle. We paged for a doctor and notified the flight deck. Soon after two doctors came forward and we began to give her medical assistance. The doctors wrapped and stabilized her ankle. We landed in Boston and medical personnel took her off the aircraft in a stretcher.

Michelle E Mancini
2L

Upon descent into Boston, we hit what I believe to be some clear air turbulence. I was in the aisle picking up trash and was thrown to the ground. I was not hurt and with the help of passengers, I was able to get back up. I heard screaming in the back of the plane and headed back there immediately. I found Passenger Giordani on the floor of the galley (on her back) screaming in pain. I then noticed her leg had been injured. We attended to her medical needs, called for a physician and also called to notify the pilots. It was clear to me that her injuries were caused from the clear air turbulence that threw me to the floor as

Flight Attendant Statements

Flight 2219 (MCO-BOS), A320-200 (Ship N335NW), 06/28/2015

Page 2

I was picking up trash. The flight attendants worked extremely well as a team, and with the help of two medical professionals who were on the flight, we attended to her needs until we landed and medical help arrived on scene and took her to the hospital. I was advised through Delta's attorney that Passenger Giordani's injuries were caused from water on the galley floor. That was CLEARLY not the case. It was from the clear air turbulence that caused me to also fall in the aisle of the aircraft.