



National Transportation Safety Board Aviation Accident Final Report

Location:	San Diego, CA	Accident Number:	DCA14CA090
Date & Time:	03/04/2014, 2300 PST	Registration:	N809DN
Aircraft:	BOEING 737 - 932ER	Aircraft Damage:	None
Defining Event:	Cabin safety event	Injuries:	1 Serious, 186 None
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Analysis

On March 4, 2014, about 2300 Pacific standard time, a flight attendant (FA) on Delta Air Lines flight 1248, a Boeing 737-900ER, N809DN, tripped over a passenger's bag while the passengers were boarding at San Diego International Airport (SAN), San Diego, California.

The captain stated that he and the first officer were in the cockpit performing preflight duties as passengers were boarding. He said he heard a crash and looked back and saw that the lead FA had tripped over a passenger bag.

The lead FA stated that she was carrying a tray with pre-departure drinks in the First Class cabin when she tripped over a passenger's bag that was in the aisle. She stated that the tray had obscured her view of the floor. The FA was transported to the hospital and diagnosed with a broken arm.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the flight attendant's inadvertent trip and fall over a passenger bag that was in the aisle.

Findings

Personnel issues	Miscellaneous - Cabin crew (Cause)
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Factual Information

History of Flight

Prior to flight	Cabin safety event (Defining event)
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Pilot Information

Certificate:	Airline Transport	Age:	53
Airplane Rating(s):	Multi-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1	Last Medical Exam:	01/21/2014
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	02/20/2014
Flight Time:	(Estimated) 12264 hours (Total, all aircraft), 37 hours (Total, this make and model), 37 hours (Last 90 days, all aircraft)		

Co-Pilot Information

Certificate:	Airline Transport	Age:	43
Airplane Rating(s):	Multi-engine Land	Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 1	Last Medical Exam:	03/06/2013
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 3064 hours (Total, all aircraft), 1668 hours (Total, this make and model), 107 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BOEING	Registration:	N809DN
Model/Series:	737 - 932ER 932ER	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	31915
Landing Gear Type:	Retractable - Tricycle	Seats:	189
Date/Type of Last Inspection:	03/01/2014, Continuous Airworthiness	Certified Max Gross Wt.:	188200 lbs
Time Since Last Inspection:		Engines:	2 Turbo Fan
Airframe Total Time:	885 Hours	Engine Manufacturer:	CFM International
ELT:	Installed, not activated	Engine Model/Series:	CFM56-7B27E
Registered Owner:	Delta Air Lines	Rated Power:	28400 lbs
Operator:	Delta Air Lines	Air Carrier Operating Certificate:	Flag carrier (121)
Operator Does Business As:		Operator Designator Code:	DALA

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SAN	Observation Time:	0651 UTC
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Few	Temperature/Dew Point:	15°C / 11°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	3 knots, 20°	Visibility (RVR):	
Altimeter Setting:	30.08 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	San Diego, CA (SAN)	Type of Flight Plan Filed:	IFR
Destination:	Detroit, MI (DTW)	Type of Clearance:	IFR
Departure Time:	PST	Type of Airspace:	

Airport Information

Airport:	San Diego International (SAN)	Runway Surface Type:	N/A
Airport Elevation:	17 ft	Runway Surface Condition:	Unknown
Runway Used:	N/A	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Serious, 6 None	Aircraft Damage:	None
Passenger Injuries:	180 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious, 186 None		

Administrative Information

Investigator In Charge (IIC): John W Lovell **Adopted Date:** 11/19/2015

Additional Participating Persons:

Publish Date: 11/19/2015

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

Investigation Docket: <http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=89175>

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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