



Aviation Investigation Final Report

Location:	Chicago, Illinois	Accident Number:	DCA19CA038
Date & Time:	December 3, 2018, 10:35 Local	Registration:	N868NN
Aircraft:	Boeing 737	Aircraft Damage:	None
Defining Event:	Cabin safety event	Injuries:	1 Serious, 146 None
Flight Conducted Under:	Part 121: Air carrier - Scheduled		

Analysis

On December 3, 2018, about 10:35 central standard time, American Airlines flight 114, a Boeing 737-800, N868NN, was taxiing from the gate at Chicago O'Hare International Airport (ORD), Chicago, Illinois, when a flight attendant was injured when an object fell onto from an overhead bin. The remaining passengers and crew were not injured, and the airplane was not damaged. The regularly scheduled domestic passenger flight was operating under the provisions of Title 14 *Code of Federal Regulations* Part 121 from ORD, to LaGuardia Airport (LGA), East Elmhurst, New York.

According to the operator, while taxiing for takeoff, a flight attendant opened an overhead bin, and a laptop fell out, striking her in the eye and forcing her left eye out of the socket. The flight returned to the gate and the flight attendant was transported to a hospital.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

an object which fell from an overhead bin struck a flight attendant resulting in a serious injury.

Findings

Personnel issues	(general) - Cabin crew
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Factual Information

History of Flight

Taxi-to runway	Cabin safety event (Defining event)
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Pilot Information

Certificate:	Airline transport; Flight instructor	Age:	63, Male
Airplane Rating(s):	Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	5-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	October 10, 2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	April 28, 2018
Flight Time:	11710 hours (Total, all aircraft), 1039 hours (Total, this make and model), 14801 hours (Pilot In Command, all aircraft)		

Co-pilot Information

Certificate:	Airline transport	Age:	62, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	5-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 With waivers/limitations	Last FAA Medical Exam:	July 6, 2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	
Flight Time:	22000 hours (Total, all aircraft), 8345 hours (Total, this make and model), 8026 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Boeing	Registration:	N868NN
Model/Series:	737 823	Aircraft Category:	Airplane
Year of Manufacture:	2011	Amateur Built:	
Airworthiness Certificate:	Transport	Serial Number:	40763
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	174200 lbs
Time Since Last Inspection:		Engines:	2 Turbo fan
Airframe Total Time:		Engine Manufacturer:	CFM
ELT:		Engine Model/Series:	56-7B-7B3
Registered Owner:		Rated Power:	
Operator:		Operating Certificate(s) Held:	Flag carrier (121)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	Chicago, IL (KORF)	Type of Flight Plan Filed:	IFR
Destination:	East Elmhurst, NY (KLGA)	Type of Clearance:	None
Departure Time:	10:30 Local	Type of Airspace:	

Airport Information

Airport:	Chicago O'Hare Int'l KORF	Runway Surface Type:	
Airport Elevation:	680 ft msl	Runway Surface Condition:	Unknown
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Serious, 5 None	Aircraft Damage:	None
Passenger Injuries:	141 None	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	1 Serious, 146 None	Latitude, Longitude:	41,-87.906387(est)

Administrative Information

Investigator In Charge (IIC):	Lovell, John		
Additional Participating Persons:			
Original Publish Date:	February 24, 2022	Investigation Class:	4
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98739		

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.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).