



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Miami, FL	<b>Accident Number:</b>	DCA18CA043B
<b>Date &amp; Time:</b>	12/03/2017, 1825 EST	<b>Registration:</b>	N344PP
<b>Aircraft:</b>	BOEING 737 800	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Ground collision	<b>Injuries:</b>	N/A
<b>Flight Conducted Under:</b>	Part 121: Air Carrier - Scheduled		

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## Analysis

On December 3, 2017, about 1825 eastern standard time, American Airlines flight 1531, an Airbus 319, N9011P, collided with American Airlines flight 1613, a Boeing 737-800, N344PP, on a taxiway at Miami International Airport (KZIA), Miami, Florida. There were no injuries to the occupants of either airplane and N344PP was substantially damaged. Both flights were scheduled passenger flights operating under the provisions of Title 14 CFR Part 121. N9011P originated from Toncontín International Airport (MHTG), Tegucigalpa, Honduras, and had 126 passengers and crew onboard. N344PP originated from Luis Muñoz Marín International Airport (TJSJ), San Juan, Puerto Rico, and had 168 passengers and crew onboard.

According to flight crew statements, N344PP had landed on runway 09 and was instructed to turn onto taxiway N5 from taxiway M. The captain set the parking brake as they waited for preceding traffic to clear.

N9011P was following N344PP along taxiway M and observed N344PP stop on the taxiway N5 with its tail partially blocking taxiway M. After several minutes of waiting, N9011P requested permission to taxi past N344PP, which was granted. As the Captain of N9011P slowly taxied, the first officer (FO) attempted to visually monitor clearance between their airplanes wingtip and N344PP's horizontal stabilizer. The FO stated that he was temporarily blinded by the glare from the ramp lights and the airplanes collided. N9011P received minor damage to its right wingtip and the lower spar of N344PP's horizontal stabilizer was fractured.

## Probable Cause and Findings

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

The failure of the flight crew of N9011P to maintain an appropriate clearance from N344PP, which was stopped on the taxiway.

## Findings

Personnel issues

Incorrect action performance - Pilot of other aircraft (Cause)

## Factual Information

### History of Flight

Standing-engine(s) operating      Ground collision (Defining event)

### Pilot Information

<b>Certificate:</b>	Airline Transport	<b>Age:</b>	56, Male
<b>Airplane Rating(s):</b>	Multi-engine Sea	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	5-point
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Without Waivers/Limitations	<b>Last FAA Medical Exam:</b>	08/22/2017
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	05/21/2017
<b>Flight Time:</b>	15348 hours (Total, all aircraft), 5496 hours (Total, this make and model), 5630 hours (Pilot In Command, all aircraft)		

### Co-Pilot Information

<b>Certificate:</b>	Airline Transport	<b>Age:</b>	47, Male
<b>Airplane Rating(s):</b>	Multi-engine Land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	5-point
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Without Waivers/Limitations	<b>Last FAA Medical Exam:</b>	07/07/2017
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	112 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

Aircraft Make:	BOEING	Registration:	N344PP
Model/Series:	737 800 800	Aircraft Category:	Airplane
Year of Manufacture:	2017	Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	31272
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	2 Turbo Fan
Airframe Total Time:		Engine Manufacturer:	CFM INTL
ELT:		Engine Model/Series:	CFM56-7B24E
Registered Owner:	WILMINGTON TRUST CO TRUSTEE	Rated Power:	0 hp
Operator:	American Airlines	Operating Certificate(s) Held:	Flag carrier (121)
Operator Does Business As:		Operator Designator Code:	AALA

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night
Observation Facility, Elevation:	MIA, 9 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2253 UTC	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	50°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.07 inches Hg	Temperature/Dew Point:	25°C / 18°C
Precipitation and Obscuration:			
Departure Point:	San Juan, PR (SJU)	Type of Flight Plan Filed:	IFR
Destination:	Miami, FL (MIA)	Type of Clearance:	IFR
Departure Time:	1631 AST	Type of Airspace:	

## Airport Information

Airport:	Miami International (MIA)	Runway Surface Type:	N/A
Airport Elevation:	9 ft	Runway Surface Condition:	Unknown
Runway Used:	N/A	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	N/A	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	N/A	<b>Latitude, Longitude:</b>	25.793333, -80.290556

## Administrative Information

<b>Investigator In Charge (IIC):</b>	John W Lovell	<b>Adopted Date:</b>	09/05/2018
<b>Additional Participating Persons:</b>			
<b>Publish Date:</b>	09/05/2018		
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=96472">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=96472</a>		

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