
Turbulence injury, Boeing 767, June 29, 1994

Micro-summary: This Boeing 767 encountered turbulence while holding, seriously injuring a flight attendant.


Event Date: 1994-06-29 at 1345 EDT


Investigative Body: National Transportation Safety Board (NTSB), USA


Investigative Body's Web Site: <http://www.nts.gov/>

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		NTSB ID: NYC94LA111		Aircraft Registration Number: N16006	
		Occurrence Date: 06/29/1994		Most Critical Injury: Serious	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place EAST HAMPTON		State NY	Zip Code 11937	Local Time 1345	Time Zone EDT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 69		Direction From Airport: 89	
Aircraft Information Summary					
Aircraft Manufacturer BOEING		Model/Series 767-200		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On June 29, 1994, at 1345 eastern daylight time, a Boeing 767-200, N16006, operated as Trans World Airlines Flight 917, encountered turbulence while holding. One flight attendant received serious injures and three flight attendants received minor injuries. The airplane was not damaged. Visual meteorological conditions prevailed and flight 917 was operating on an instrument flight plan under 14 CFR Part 121.</p> <p>Flight 917 departed Barcelona, Spain, and its destination was John F. Kennedy Airport, New York, New York. The captain reported the flight was holding over the Hampton VOR at FL 240 (24,000 feet). He also reported the seat belt sign was illuminated in the cabin and all passengers had been checked for seat belt usage. He described the turbulence as "very short" in duration.</p> <p>According to an FAA report, and a telephone interview with the TWA Vice President of Safety and Engineering, a flight attendant was at work in the forward cabin, preparing the cabin for descent and arrival. The airplane encountered turbulence and the flight attendant was thrown into the air. Upon landing, he broke both ankles. The airplane was operating in visual meteorological conditions, between cloud layers, and thunderstorms were present in the area at the time of the accident.</p>					
FACTUAL REPORT - AVIATION					
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 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: NYC94LA111				
		Occurrence Date: 06/29/1994				
		Occurrence Type: Accident				
Landing Facility/Approach Information						
Airport Name		Airport ID:	Airport Elevation Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Type Instrument Approach:						
VFR Approach/Landing:						
Aircraft Information						
Aircraft Manufacturer BOEING		Model/Series 767-200		Serial Number 22569		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Retractable - Tricycle						
Homebuilt Aircraft? No		Number of Seats: 180	Certified Max Gross Wt. 337000 LBS		Number of Engines: 2	
Engine Type: Turbo Fan		Engine Manufacturer: P&W		Model/Series: JT9D-7R4	Rated Power: 48000 LBS	
- Aircraft Inspection Information						
Type of Last Inspection AAIP		Date of Last Inspection 06/1994	Time Since Last Inspection 75 Hours		Airframe Total Time 37227 Hours	
- Emergency Locator Transmitter (ELT) Information						
ELT Installed? No		ELT Operated?		ELT Aided in Locating Accident Site?		
Owner/Operator Information						
Registered Aircraft Owner SECURITY PACIFIC EUROFINANCE		Street Address THE ADELPHI, JOHN ADAM STREET				
		City LONDON		State OF	Zip Code	
Operator of Aircraft TRANS WORLD AIRLINES		Street Address BLD 95, JFK INTL AIRPORT				
		City JAMAICA		State NY	Zip Code 11430	
Operator Does Business As:				Operator Designator Code: TWAA		
- Type of U.S. Certificate(s) Held:						
Air Carrier Operating Certificate(s): Flag Carrier/Domestic						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 121: Air Carrier						
Type of Flight Operation Conducted: Scheduled; International; Passenger/Cargo						
FACTUAL REPORT - AVIATION						

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: NYC94LA111
	Occurrence Date: 06/29/1994
	Occurrence Type: Accident

First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 59
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Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport

Airplane Rating(s): Multi-engine Land; Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft? Yes	Current Biennial Flight Review?
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Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--w/ waivers/lim.	Date of Last Medical Exam: 04/1994
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	20270	2838				1210	125			
Pilot In Command(PIC)	7673	2838								
Instructor										
Last 90 Days	140	140								
Last 30 Days	53	53								
Last 24 Hours	9	9								

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: IFR

Departure Point BARCELONA, SPAIN	State OF	Airport Identifier KBCN	Departure Time 0554	Time Zone EDT
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Destination NEW YORK	State NY	Airport Identifier KJFK	
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Type of Clearance: IFR

Type of Airspace: Class A

Weather Information

Source of Briefing: Company

Method of Briefing:

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: NYC94LA111
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Weather Information

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
FOK	1345	EDT	67 Ft. MSL	22 NM	92 Deg. Mag.

Sky/Lowest Cloud Condition: Unknown	300 Ft. AGL	Condition of Light: Day
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Lowest Ceiling: Obscured	300 Ft. AGL	Visibility: 1 SM	Altimeter: 29.00 "Hg
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Temperature: 24 °C	Dew Point: 22 °C	Wind Direction: 200	Density Altitude: Ft.
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Wind Speed: 6	Gusts:	Weather Conditions at Accident Site: Visual Conditions
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Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown
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Restrictions to Visibility: Fog

Type of Precipitation: None

Accident Information

Aircraft Damage: None	Aircraft Fire: None	Aircraft Explosion: None
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Classification: U.S. Registered/U.S. Soil

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants		1	3	2	6
Other Crew				1	1
Passengers				158	158
- TOTAL ABOARD -		1	3	163	167
Other Ground	0	0	0		0
- GRAND TOTAL -	0	1	3	163	167

National Transportation Safety Board

FACTUAL REPORT

AVIATION



NTSB ID: NYC94LA111

Occurrence Date: 06/29/1994

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

ROBERT L. HANCOCK,

Additional Persons Participating in This Accident/Incident Investigation:

GEORGE VAN EPPS
FAA FSDO
FARMINGDALE, NY