



National Transportation Safety Board

Aviation Incident Data Summary

Location:	Baltimore, MD	Incident Number:	OPS08IA002A
Date & Time:	12/02/2007, 1922 EST	Registration:	
Aircraft:	Bombardier, Inc. CRJ1	Injuries:	53 None
Flight Conducted Under:			

Analysis

On December 2, 2007, at approximately 7:21 pm Eastern Standard time, Comair flight 5412 (COM5412), a Bombardier Regional Jet (CRJ), departed runway 15R and over flew America West (AWE) flight 83, an Airbus A320, that had landed on runway 10 at Baltimore/Washington International Thurgood Marshall Airport (BWI), Baltimore, Maryland during night visual meteorological conditions.

Weather conditions were: wind calm, visibility 5 statute miles, light rain and mist, ceiling 1,000 feet broken and 3,000 feet overcast.

The tower controller had cleared AWE83 to land on runway 10 and AWE83 was approximately 6 mile on final approach when the ATC local controller cleared COM5412 for takeoff on runway 15R. COM5412 was on taxiway A about 500 feet short of runway 15R when the takeoff clearance was issued. AMASS alerted. COM5412 rotated at taxiway F and over flew AWE83, at the intersection of runways 10 and 15R. The initial report from the Federal Aviation Administration stated that COM5421 over flew AWE83 by 300 feet. AWE83 exited runway 10 at runway 22.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this incident to be: The probable cause of this incident is local controller's failure of maintaining awareness of the situation and failing to provide the appropriate separation between the two aircraft operating on intersecting runways. Providing separation between aircraft is a first duty priority, in accordance with FAA Order 7110.65.

Findings

Occurrence #1: NEAR COLLISION BETWEEN AIRCRAFT

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) CONTROL TOWER - IMPROPER
2. (C) ATC CLEARANCE - IMPROPER - ATC PERSONNEL(LCL/GND/CLNC)

Pilot Information

Certificate:	Age:
Airplane Rating(s):	Instrument Rating(s):
Other Aircraft Rating(s):	Instructor Rating(s):
Flight Time:	

Co-Pilot Information

Certificate:	Age:
Airplane Rating(s):	Instrument Rating(s):
Other Aircraft Rating(s):	Instructor Rating(s):
Flight Time:	

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Bombardier, Inc.	Registration:
Model/Series:	CRJ1	Engines:
Operator:		Engine Manufacturer:
Air Carrier Operating Certificate:	Commuter Air Carrier (135)	Engine Model/Series:
Flight Conducted Under:		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	BWI, 146 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 10 ft agl
Condition of Light:	Night	Wind Speed/Gusts, Direction:	Calm
Temperature:	4° C / 4° C	Visibility	5 Miles
Precipitation and Obscuration:	Light - Rain		
Departure Point:	Baltimore, MD (BWI)	Destination:	, MA (BOS)

Airport Information

Airport:	BALTIMORE-WASHINGTON INTL (BWI)	Runway Surface Type:	Asphalt
Runway Used:	15R	Runway Surface Condition:	Wet
Runway Length/Width:	9501 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	3 None	Aircraft Damage:	None
Passenger Injuries:	50 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC): Hilton W Hall Jr.

Adopted Date: 03/31/2008

Investigation Docket: NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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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.