



National Transportation Safety Board Aviation Incident Data Summary

Location:	Chicago, IL	Incident Number:	OPS12IA167B
Date & Time:	12/01/2011, 0907 CDT	Registration:	
Aircraft:	BOEING 737-7H4	Injuries:	79 None
Flight Conducted Under:			

Analysis

A runway incursion occurred when a Boeing 737-700 (B737) was cleared by a tower local controller to cross a runway immediately after a Learjet 45 was cleared for takeoff on the same runway. The first officer of the B737 saw the departing Learjet and warned the captain, who stopped the B737 short of the runway edge. Air traffic control personnel did not take any actions to resolve the conflict between the two airplanes. Recorded data indicated that the Learjet passed within 287 feet laterally and 62 feet vertically of the B737.

Flight Events

Taxi - Runway incursion veh/AC/person

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this incident to be: The tower local controller did not ensure that the runway was clear of conflict before directing the B737 to cross the runway, and other air traffic control personnel did not effectively intervene when the separation between the two airplanes became questionable.

Findings

Personnel issues-Action/decision-Info processing/decision-Identification/recognition-ATC personnel - C

Personnel issues-Action/decision-Info processing/decision-Decision making/judgment-ATC personnel - C

Personnel issues-Task performance-Communication (personnel)-Lack of communication-ATC personnel - C

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BOEING	Registration:	
Model/Series:	737-7H4	Engines:	2 Turbo Fan
Operator:		Engine Manufacturer:	CFM INTL.
Air Carrier Operating Certificate:	Flag carrier (121)	Engine Model/Series:	CFM56 SERIES
Flight Conducted Under:			

Meteorological Information and Flight Plan

Observation Facility, Elevation:	MDW, 620 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 20000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	4 knots, 180°
Temperature:	1° C / -4° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Minneapolis-St, MN (MSP)	Destination:	Chicago, IL

Airport Information

Airport:	Chicago Midway (MDW)	Runway Surface Type:	Unknown
Runway Used:	31C	Runway Surface Condition:	Dry
Runway Length/Width:	6522 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	5 None	Aircraft Damage:	None
Passenger Injuries:	74 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Daniel J Bartlett	Adopted Date:	11/07/2012
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82486		

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