

# National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



DCA23FA149

## **HUMAN PERFORMANCE**

Group Chair's Factual Report

July 7, 2023

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## **A. INCIDENT**

Location: Austin, Texas  
Date: February 4, 2023  
Time: 0640 central standard time (CST)  
Airplane: Boeing 737-79P and 767-32LF

## **B. HUMAN PERFORMANCE INVESTIGATOR**

Group Chair                      Dujuan Sevillian, Ph.D.  
National Transportation Safety Board  
Washington, D.C.

## **C. DETAILS OF THE INVESTIGATION**

On February 4, 2023, at 0640 central standard time, a Boeing 737-79P, N7827A, operated as SWA708, and a Boeing 767-32LF, N297FE, operated as FDX1432, were involved in a runway incursion with overflight that resulted in a loss of separation and potential near midair collision (NMAC) in Austin, Texas. There were no injuries reported and neither aircraft were damaged. SWA708 was operated as a Title 14 *Code of Federal Regulations* Part 121 passenger flight departing Austin- Bergstrom International Airport (AUS) with a planned destination of Cancun, Mexico. FDX1432 was operated as a Title 14 *Code of Federal Regulations* Part 121 cargo flight and had departed Memphis International Airport (MEM) with a planned destination of AUS.

## **D. FACTUAL INFORMATION**

### **1.0 Local Controller 72-Hour History<sup>1</sup>**

The local controller said that he needed between 6 hours of sleep to feel rested and he normally gets 6 to 8 hours of sleep a night.

On February 1, the local controller said that he woke up at 0530 CST. Official records indicated that the local controller did not work his scheduled shift on February 1, and had the day off<sup>2</sup>. The local controller said that he went to sleep at 2130. Table 1 shows the local controller's cellular phone activity on February 1.

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<sup>1</sup>Note: Regarding the local controller's cell phone activity, extended breaks were considered and gaps greater than an hour in cell phone activity are highlighted in bold.

<sup>2</sup> During a post-incident interview with NTSB investigators, the local controller said that he had a shift that he worked on February 1 from 0700 to 1500.

Table 1 Local Controller’s Cellular Phone Activity on February 1

Time <sup>3</sup>	Type of cellular phone activity
0603	Outgoing call (31 seconds)
<b>0630</b>	<b>Outgoing texts</b>
<b>1033</b>	<b>Outgoing texts</b>
<b>1039</b>	<b>Incoming texts</b>
<b>1252</b>	<b>Incoming texts</b>
1339	Incoming texts
1416	Incoming call (*ND)
1441	Outgoing call (*ND)
<b>1443</b>	<b>Incoming and outgoing texts</b>
<b>1709</b>	<b>Incoming texts</b>
1743	Outgoing and an incoming texts
1752	Outgoing and incoming text
1754	Incoming text
1759	Incoming text
1800	Outgoing and incoming texts
1801	Incoming text
1802	Outgoing and incoming texts
1803	Incoming and outgoing texts
1817	Outgoing and incoming texts
1853	Outgoing and incoming texts
1921	Incoming texts
1931	Incoming and outgoing texts

Key: \*ND= No time duration available

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<sup>3</sup> All times are CST

On February 2, the local controller said that he woke up at 0530, had a shift that he worked from 0645 to 1445 and went to sleep at 0000. Table 2 shows the local controller's cell phone activity on February 2.

Table 2 Local Controller's Cellular Phone Activity on February 2.

Time <sup>4</sup>	Type of cellular phone activity
1559	Outgoing call (~ 4 minutes)
<b>1603</b>	<b>Incoming and outgoing texts</b>
<b>1828</b>	<b>Incoming call (23 seconds)</b>
<b>1846</b>	<b>Incoming and outgoing texts</b>
<b>2105</b>	<b>Incoming texts</b>
2106	Outgoing and incoming texts
2107	Outgoing texts
2108	Incoming texts
<b>2112</b>	<b>Outgoing texts</b>
<b>2228</b>	<b>Incoming call (~1.5 minutes)</b>

On February 3, the local controller said that he had the day off from work and he woke up between 1100 and 1200. He went to sleep between 2030 and 2100. Table 3 shows the local controller's cell phone activity on February 3.

Table 3 Local Controller's Cellular Phone Activity on February 3.

Time <sup>5</sup>	Type of cellular phone activity
1130	Incoming texts
1138	Incoming and outgoing calls (4 seconds each call)
1144	Outgoing and incoming texts
1146	Outgoing texts
1149	Outgoing and incoming texts
1150	Outgoing and incoming texts, and an outgoing call (~14 minutes)
1157	Outgoing and incoming texts
1159	Incoming text
1230	Incoming and outgoing texts
<b>1244</b>	<b>Incoming text</b>
<b>1509</b>	<b>Incoming texts</b>
1511	Incoming texts
1512	Outgoing and incoming texts
1524	Incoming and outgoing texts
1527	Outgoing text
1529	Incoming text

<sup>4</sup> All times are CST

<sup>5</sup> All times are CST

On February 4 (day of the incident), the local controller worked an overtime shift. It was unclear on the time that the local controller woke up on the morning of the incident. The local controller started his shift at 0538. Table 4 shows the local controller's cell phone activity on February 4.

Table 4 Local Controller's Cellular Phone Activity on February 4\*.

Time <sup>6</sup>	Type of cellular phone activity
1251	Incoming and Outgoing texts
<b>1259</b>	Outgoing call (~3 minutes)
<b>1428</b>	Incoming call (2 minutes)

\*There was no cell phone activity (incoming calls, outgoing calls, incoming texts, and outgoing texts) on the morning prior to the incident.

Submitted by:  
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Senior Human Performance Investigator

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<sup>6</sup> All times are CST