



Permanent Noise Monitoring Act Quarterly Operations Report

1st Quarter 2023

Prepared by:

Rhode Island Airport Corporation

For further information, please contact Dawn Mineker at 401-691-2417.



TABLE OF CONTENTS

Introduction	3
Permanent Noise Monitoring Act	3
Passenger Activity	4
Aircraft Operations	5
Total Operations	5
Part 36 Certification	
Late Night Operations	
By Time	
By Airline	9
By Aircraft Category 10)
Part 150 Noise Abatement Corridor Compliance11	1
By Airline14	4
By Runway18	5
Noise Complaints	9
Appendix A: Part 150 Corridor Deviations20	0



Introduction

This report is prepared for the Rhode Island General Assembly in conformance with the Permanent Noise Monitoring Act of 1998, as amended. It contains statistical information on aircraft operations, activity levels by aircraft types, and noise complaints for the First Quarter, 2023. The first quarter is defined as operations from January through March of 2023.

Rhode Island T. F. Green International Airport is a small-hub commercial service airport located in Warwick, RI. It serves the Rhode Island, Southern Massachusetts and Eastern Connecticut communities.

The airport has two active runways, 5-23 and 16-34. Runway 5-23 is 8,700 feet long and 150 feet wide. It is oriented in a north/south direction and serves as the primary runway for most operations. Runway 16-34 is the "crosswind" runway oriented in a northwest/southeast direction. It is 6,081 feet long and 150 feet wide and used as weather conditions dictate.

Rhode Island T. F. Green International Airport was among the first airports in the country to participate in the Federal Aviation Administration's Noise and Land Use Compatibility Program, commonly referred to as Part 150. Under the direction of the State of Rhode Island and now the RIAC, Rhode Island T. F. Green International Airport has had an active noise mitigation program since the early 1980s.

In 1998, RIAC undertook a complete update of the original Part 150 Study and recommended several new operations procedures designed to minimize noise impacts on surrounding communities. The center of these recommendations involved the implementation of noise abatement departure and arrival procedures for turbojet aircraft.

In June 2000, the FAA approved these new procedures and the local air traffic control tower implement the assigned departure headings in an effort to reduce the number of persons adversely affected by aircraft operations.

Permanent Noise Monitoring Act

In 1998, the Rhode Island Legislature enacted Title 1, Aeronautics, Chapter 1-5; Permanent Noise Monitoring Act – Aircraft Operations Monitoring System (AOMS). This Act required the RIAC to install an aircraft operations monitoring system, and collect and report a summary of the collected data on a quarterly basis. This document is generated to meet those requirements.

The AOMS previously relied on five (5) radar sensors deployed throughout the State of Rhode Island. The sensors were subject to repeated failures resulting in loss of data when one or more sensors were not fully operational. The sensors and data acquisition system have exceeded their expected service life. RIAC has updated the system by integrating multiple existing aircraft surveillance systems merged into a single data stream to improve reliability and accuracy of data. The data is archived for use in generating reports. Information collected includes; aircraft type, flight number, registration number, altitude, arrival/departure status and the origin or destination.



Passenger Activity

Airports use 2 criteria to measure activity; the number of operations and the number of passengers. This section discusses the passenger activity levels associated with aircraft operations at Rhode Island T. F Green International Airport in the First Quarter of 2023.

Rhode Island T. F. Green International Airport served approximately 713,741 passengers during the First Quarter of 2023. Figure 1 shows the number of passengers that have used the airport via scheduled air carriers, commuter and charter flights since 2022.

In 2020 through 2021 there was a downturn in passenger activity due to the travel impacts of the COVID-19 pandemic. Air travel has started to rebound, resulting in an uptick in passenger levels.

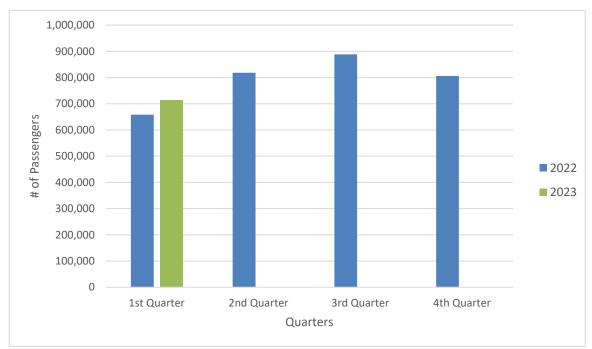


Figure 1: Total Passengers, by Quarter

Source: RIAC 2022 - 2023 Passenger Activity Report



Aircraft Operations

Aircraft operations can be classified in a number of ways including by type of aircraft, arrivals/departures, origin/destination, airline fleet, Part 36 (relative noisiness) and time of day.

To present the overall perspective of operations, Table 1, highlights the arrivals and departures of all aircraft by runway at Rhode Island T. F. Green International Airport.

In general aircraft must take off into the wind, therefore, aircraft also arrive into the wind to remain consistent with the traffic flow and avoid aircraft departing and arriving in the same direction.

As previously stated, there are 2 runways at Rhode Island T. F. Green International Airport, 5-23 and 16-34. Runways are given numbers based on the compass heading for each runway end. By designating each runway end, the Air Traffic Control Tower and pilots know which direction to land or depart. For example, Runway 5 has a compass heading of 050 degrees and is oriented to the north. Aircraft operating on this runway will depart to the north and arrive from the south. Conversely, Runway 23 has a heading of 230 degrees and is oriented to the south. Aircraft operating on Runway 23 will depart to the south and arrive from the north.

Total Operations

The Aircraft Operations Monitoring System (AOMS) collected 13,527 flight tracks for aircraft operations during this period. There were 6,740 departures and 6,787 arrivals for an average of 150 operations per day. Table 1 depicts aircraft operations by runway and operation type.¹

Bupway	Arri	vals	Depar	tures	Total				
Runway	# of Ops	%	# of Ops	%	# of Ops	%			
5	2,392	35%	2,347	35%	4,739	35%			
16	60	1%	73	1%	133	1%			
23	3,289	48%	3,538	52%	6,827	50%			
34	1,046	15%	782	12%	1,828	14%			
Total	6,787	100%	6,740	100%	13,527	100%			

Table 1: Total AOMS Operations by Runway, 1st Quarter 2023²

Source: RIAC 2023 Aircraft Operations Monitoring System

¹ Detailed record of operations by aircraft type and time of day can be found on Rhode Island T.F. Green International Airport's website, <u>www.flyri.com</u>, listed under Quarterly Aircraft Operations Report, Runway Operations Data 1st Quarter 2023.

² The aggregate number of aircraft operations reported by the FAA for the 1st Quarter 2023 was 14,256.



Figure 2 depicts the runway use graphically over an aerial view of the airport.

رو رو 60 1,040

Figure 2: Aerial View of Total Operations, by Runway End, 1st Quarter, 2023

Source: RIAC, Airline Activity Reports and Aircraft Operations Monitoring System 2023

392

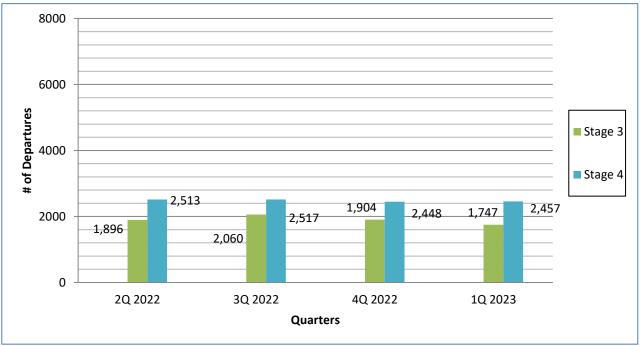


The balance of this report will focus on the scheduled commercial aircraft and cargo operations.

Part 36 Certification

During the First Quarter of 2023 there were 4,387 total departures of commercial aircraft from Rhode Island T. F. Green International Airport, which is approximately 49 operations per day. Of the 4,387 departures, 4,304 consisted of jet aircraft with Stage 3 and Stage 4 engines, as shown in Figure 3. The overall percentage of pure Stage 3 aircraft operating at Rhode Island T. F. Green International Airport was at 40%. The overall percentage of Stage 4 aircraft operating at Rhode Island T. F. Green International T. F. Green International Airport was at 40%.





Source: RIAC, Airline Active Reports and Aircraft Operations Monitoring System 2022 - 2023

The scheduled airlines (air carrier and commuter) accounted for 4,079 (93%) of the 4,387 commercial departures from Rhode Island T. F. Green International Airport. The majority of airlines are operating at 100% pure Stage 3 and Stage 4 aircraft. Table 2 illustrates each scheduled air carrier's contribution to daily flights and percentage use of the quietest aircraft.



Table 2: Departures, by Part 36 Certification, 1st Quarter 2023

	Pure Stag Aircra		Pure St Aircr		Total Operations	Avg. Daily Operations
Airline	# of Departures	%	# of Departures	%		
Allegiant Airlines	33	70%	14	30%	47	.5
American Airlines	17	1%	1,134	99%	1,151	13
Avelo Airlines	10	100%	0	N/A	10	.1
Breeze Airways	106	87%	16	13%	122	1
Delta Airlines	213	30%	487	70%	700	8
Frontier Airlines	5	6%	83	94%	88	.9
Global X	6	100%	0	N/A	6	.06
JetBlue	300	100%	0	N/A	300	3
Patriots	4	100%	0	N/A	4	.04
Southwest Airlines	907	87%	132	13%	1,039	11
Sun Country Airlines	1	100%	0	N/A	1	.01
Swift Air	15	100%	0	N/A	15	.1
United Airlines	4	1%	591	99%	595	7
World Atlantic Airlines	1	100%	0	N/A	1	.01
Total	1,622	40%	2,457	60%	4,079	45

Source: RIAC Air Carrier Reports, 2023

Late Night Operations (Midnight - 6:00 a.m.)

Airline operations constituted the largest number of late night operations during this quarter with 460 operations out of an overall total of 645 operations. Late night commuter operations totaled 178 operations and general aviation operations totaled 7. Of the late night operations, 171 occurred between midnight and 1:00 a.m. and 370 occurred between 5:00 a.m. and 5:59 a.m. as shown in Figure 4.



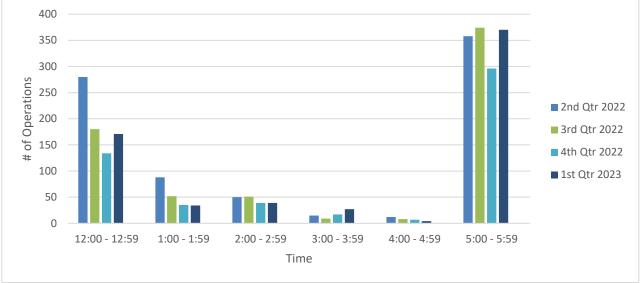
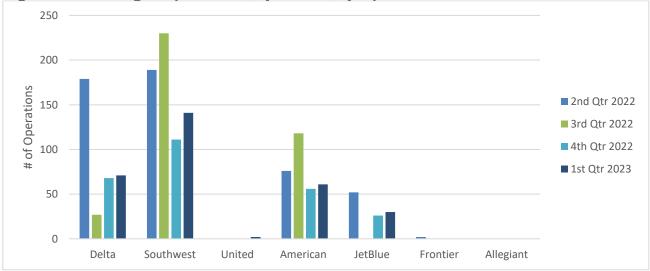


Figure 4: Late Night Operations for All Aircraft Types, by Time

Late night operations consist of late night arrivals and early morning departures. Late night arrivals are predominantly between midnight and 1:59 a.m. Late night departures are predominately between 5:00 a.m. and 5:59 a.m.

As shown in Figure 5, Southwest Airlines had the greatest number of late night operations. It should be noted that this accounts for a small percentage of the individual airlines total operations at Rhode Island T. F. Green International Airport. A portion of these operations were arrivals of delayed flights attributed to weather or air traffic delays at the originating airports. Airline operations account for 71% of the late night operations, as depicted in Figure 6.





Source: RIAC Operations Logs & Operations Monitoring System 2022 - 2023

Source: RIAC Operations Logs & Operations Monitoring System 2022 - 2023



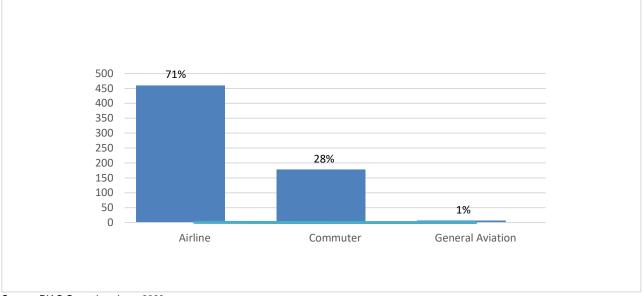


Figure 6: Late Night Operations, by Aircraft Category, 1st Quarter 2023

RIAC has implemented a voluntary nighttime curfew for operations between midnight and 6:00 a.m.

Part 150 Noise Abatement Corridor Compliance

The first Part 150 Study and Noise Exposure Maps (NEM) were approved by the FAA for Rhode Island T. F. Green International Airport in 1986. The NEM has been updated several times, most recently in 2010 as part of the Environmental Impact Statement for the Airport Improvement Program (AIP) approved in the Record of Decision (ROD) issued in November of 2011.

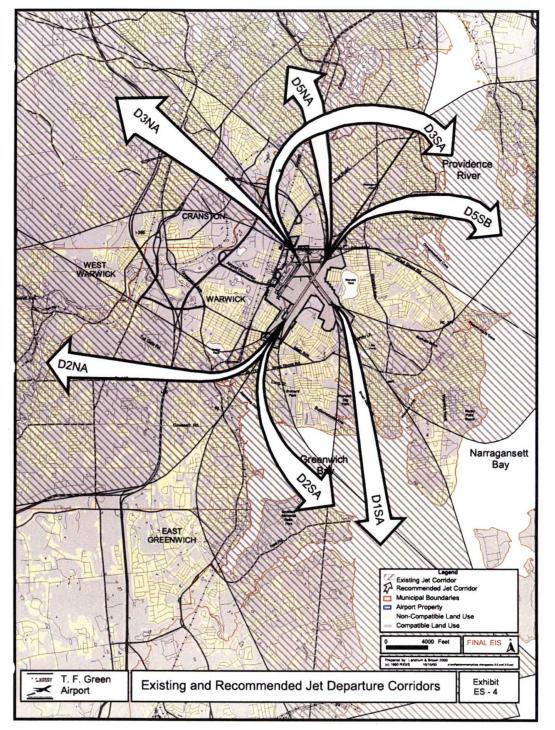
RIAC implemented the use of noise abatement corridors beginning in June 2001. There are a total of eight corridors, comprised of at least one departure corridor per runway and one arrival corridor for Runway 34.

For all but one runway end, there are two flight tracks that jet aircraft may follow. The Air Traffic Control Tower issues a departure heading associated with one of the Part 150 corridors based on the aircraft's destination. It should be noted that pilots will proceed on their departure heading when deemed safe to do so, depending on several variable factors (i.e., type of aircraft, winds, weather, etc.). A description of these flight corridors is presented below and a graphical depiction of the corridors is shown in Figures 7 and 8.

Source: RIAC Operations Logs 2023



Figure 7 : Part 150 Noise Abatement Departure Corridors



Source: FAA, EIS for T. F. Green Air Traffic Control Noise Abatement Procedures, 2000. FAA approved Noise Abatement Measures 2000.



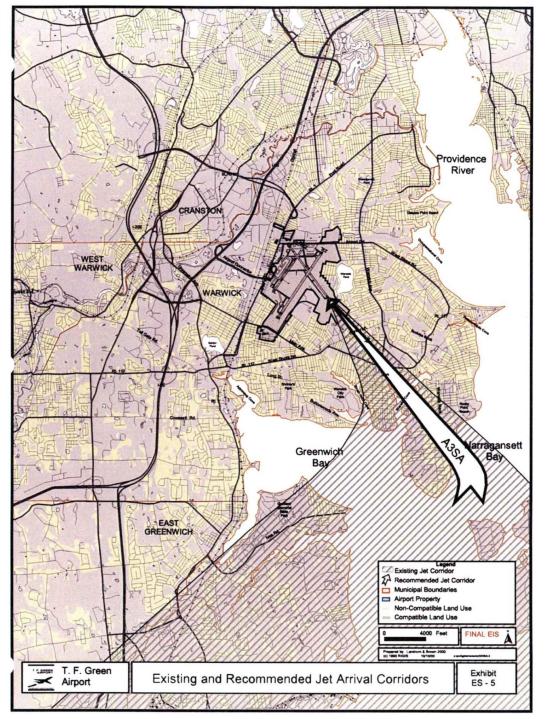


Figure 8 : Part 150 Noise Abatement Arrivals Corridor

Source: FAA, EIS for T. F. Green Air Traffic Control Noise Abatement Procedures, 2000. FAA approved Noise Abatement Measures 2000.



Runway 5:

Northbound Departures (D5NA): Jet aircraft will turn left as soon as practicable after passing runway end to fly a 360-degree heading until reaching 3 DME (Distance Measuring Equipment).

Southbound Departures (D5SB): Jet aircraft will turn right to a 080-degree heading until reaching 3 DME, passing over Passeonkquis Cove, Gaspee Point Beach and Narragansett Bay.

Runway 23:

Northbound Departures (D2NA): Jet aircraft will turn right as soon as practicable after passing runway end to a 280-degree heading until reaching 3 DME. This measure is intended to direct departures under 3,000' over compatible land use areas in Apponaug along I-95 and SR 117.

Southbound Departures (D2SA): Jet aircraft will turn left as soon as practicable after passing runway end to a 160-degree heading until reaching 5 DME or intercepting the 180-degree radial (whichever occurs first). This measure is intended to route traffic over Greenwich Bay and along the north edge of Goddard Memorial State Park.

Runway 16:

Southbound Departures (D1SA): Jet aircraft will turn right to a 180-degree heading until reaching 3 DME or intercepting the PVD VORTAC 180-degree radial. This measure is intended to direct departures over compatible land use areas along Brush Neck Cove and Greenwich Bay.

Runway 34:

Northbound Departures (D3NA): Jet aircraft will turn left as soon as practicable after passing runway end to a 330-degree heading until reaching 4 DME. This measure is intended to direct departures along compatible land use areas located along SR37 and I-295.

Southbound Departures (D3SA): Jet aircraft will turn right to a 360-degree heading until reaching 3 DME. This measure is intended to direct departures along compatible land use areas along I-95 and the Pawtuxet River corridors.

Runway 34:

Arrivals (A3SA): Jet aircraft will intercept the final approach course before crossing the shoreline at Rocky Point Beach on Warwick Neck (4 DME from the PVD VORTAC). This measure is intended to keep jet aircraft following the same course along the extended runway centerline from beyond the shoreline.



An analysis of each air carrier and their compliance with these departure corridors was conducted using the Aircraft Operations Monitoring System. As shown on Table 3, the overall compliance with noise corridors by the air carriers is 90%. Overall cargo carrier compliance in maintaining the aircraft's departure flight track within the corridors is also 90%.

Table 3: Noise Abatement Departure Corridor Total Compliance by Airline, 1st Quarter
2023, All Runways

Airline			Deviations ¹	Percentage of Compliance			
Airiine	RW 5	RW 23	RW 16	RW 34	Total Flight Tracks		
Allegiant Airlines	19	30	0	0	49	9	82%
American Airlines	479	570	0	86	1,135	125	89%
Avelo Air	2	6	0	1	9	2	78%
Breeze Airways	45	66	0	9	120	12	90%
Delta Airlines	280	359	2	44	685	63	91%
Frontier Airlines	39	42	0	7	88	14	84%
JetBlue Airlines	140	144	0	13	297	64	78%
Other – General Aviation	198	299	2	78	577	52	91%
Southwest Airlines	407	527	4	88	1,026	72	93%
Sun Country Airlines	0	1	0	0	1	0	100%
Swift Air	3	11	0	1	15	2	87%
United Airlines	228	268	1	87	584	61	90%
World Atlantic Aviation	0	1	0	0	1	0	100%
Total Air Carriers	1,840	2,324	9	414	4,587	476	90%
			Cargo (Carriers			
FedEx	19	36	0	6	61	0	100%
UPS	15	46	0	4	65	5	92%
Total Cargo Carriers	34	82	0	10	126	5	96%
Total	1,874	2,406	9	424	4,713	481	90%

Source: RIAC, Aircraft Operations Monitoring System, 2023

1 Specific information regarding the deviations from the approved noise abatement departures corridors can be found in Appendix 1&2 A. Pilots will turn toward their assigned departure corridor when deemed safe and practicable



Tables 4 through 7 shows compliance by runway end. The airlines and cargo operators achieve a high level of compliance with the noise abatement procedures.

 Table 4: Noise Abatement Departure Corridor Compliance for Runway 5, by Airline, 1st Quarter 2023

	No	orthbound Depa	artures	Sout	hbound Depar	tures	Total Corridor
Airline	Total Departures	# of Deviations	% of Compliance	Total Departures	# of Deviations	% of Compliance	Compliance
			Air Ca	rriers			
Allegiant Airlines	10	2	80%	9	1	89%	84%
American Airlines	260	25	90%	219	34	84%	88%
Avelo Air	2	1	50%	0	0	N/A	50%
Breeze Airways	8	1	88%	37	3	92%	91%
Delta Airlines	277	26	91%	3	2	33%	90%
Frontier Airlines	2	1	50%	37	6	84%	82%
JetBlue Airlines	9	1	89%	131	21	84%	84%
Other – General Aviation	151	9	94%	47	3	94%	94%
Southwest Airlines	233	17	93%	174	12	93%	93%
Swift Air	3	0	100%	0	0	N/A	100%
United Airlines	225	29	87%	3	1	67%	87%
Total Air Carriers	1,180	112	91%	660	83	87%	89%
			Cargo C	arriers		•	
Federal Express	19	0	100%	0	0	N/A	100%
UPS	15	0	100%	0	0	N/A	100%
Total Cargo Carriers	34	0	100%	0	0	N/A	100%
Total	1,214	112	91%	660	83	87%	90%

Source: RIAC, Aircraft Operations Monitoring System, 2023



Table 5: Noise Abatement Departure Corridor Compliance for Runway 23, by Airline, 1st Quarter 2023

	Northbound Departures			Southbound Departures			Total Corridor
Airline	Total Departures	# of Deviations	% of Compliance	Total Departures	# of Deviations	% of Compliance	Compliance
			Air Car	riers			
Allegiant Airlines	13	2	85%	17	4	76%	80%
American Airlines	320	42	87%	250	10	96%	91%
Avelo Air	5	1	80%	1	0	N/A	83%
Breeze Airways	20	2	90%	46	6	87%	88%
Delta Airlines	358	26	93%	1	0	100%	93%
Frontier Airlines	6	3	50%	36	3	92%	86%
JetBlue Airlines	28	18	36%	116	23	80%	72%
Other – General Aviation	219	24	89%	80	4	95%	91%
Southwest Airlines	293	28	90%	234	9	96%	93%
Sun Country	1	0	100%	0	0	N/A	100%
Swift Air	7	0	100%	4	2	50%	82%
United Airlines	267	26	90%	1	1	0%	90%
World Atlantic Aviation	1	0	100%	0	0	N/A	100%
Total Air Carriers	1,538	172	89%	786	62	92%	90%
			Cargo Ca	arriers			
Federal Express	36	0	100%	0	0	N/A	100%
UPS	46	5	89%	0	0	N/A	89%
Total Cargo Carriers	82	5	94%	0	0	N/A	94%
Total	1,620	177	89%	786	62	92%	90%

Source: RIAC, Aircraft Operations Monitoring System, 2023



Table 6: Noise Abatement Departure Corridor Compliance for Runway 34, by Airline, 1st Quarter 2023

	Northbound Departures		Southbound Departures			Total Corridor	
Airline	Total Departures	# of Deviations	% of Compliance	Total Departures	# of Deviations	% of Compliance	Compliance
			Air Ca	rriers			
American Airlines	46	4	91%	40	10	75%	84%
Avelo Airlines	1	0	100%	0	0	N/A	100%
Breeze Airways	4	0	100%	5	0	100%	100%
Delta Airlines	42	7	83%	2	0	100%	84%
Frontier Airlines	0	0	N/A	7	1	86%	86%
JetBlue	2	0	100%	11	1	91%	92%
Other – General Aviation	52	6	88%	26	5	81%	86%
Swift Air	1	0	100%	0	0	N/A	100%
Southwest Airlines	56	1	98%	32	3	91%	95%
United Airlines	87	4	95%	0	0	N/A	95%
Total Air Carriers	291	22	92%	123	20	84%	90%
			Cargo C	arriers			
FedEx	6	0	100%	0	0	N/A	100%
UPS	4	0	100%	0	0	N/A	100%
Total Cargo Carriers	10	0	100%	0	0	N/A	100%
Total	301	22	93%	123	20	84%	90%

Source: RIAC, Aircraft Operations Monitoring System, 2023

•



Table 7: Noise Abatement Departure Corridor Compliance for Runway 16, by Airline, 1st Quarter 2023

	No	Northbound Departures			Southbound Departures		
Airline	Total Departures	# of Deviations	% of Compliance	Total Departures	# of Deviations	% of Compliance	Total Corridor Compliance
			Air Ca	rriers			
Delta Airlines	0	0	N/A	2	2	0%	0%
Other (General Aviation)	0	0	N/A	2	1	50%	50%
Southwest Airlines	0	0	N/A	4	2	50%	50%
United Airlines	0	0	N/A	1	0	100%	100%
Total Air Carriers	0	0	N/A	9	5	44%	44%
			Cargo C	Carriers			
FedEx	0	0	N/A	0	0	N/A	N/A
UPS	0	0	N/A	0	0	N/A	N/A
Total Cargo Carriers	0	0	N/A	0	0	N/A	N/A
Total	0	0	N/A	9	5	44%	44%

Source: RIAC, Aircraft Operations Monitoring System, 2023



Noise Complaints

RIAC has instituted several methods for citizens concerned about aircraft noise to voice their opinions. RIAC is committed to minimizing the effects of aircraft generated noise on the Warwick and Cranston Communities through the use of operational procedures and noise mitigation programs. Citizens can call the noise hotline and leave a message or submit a complaint via the web page.

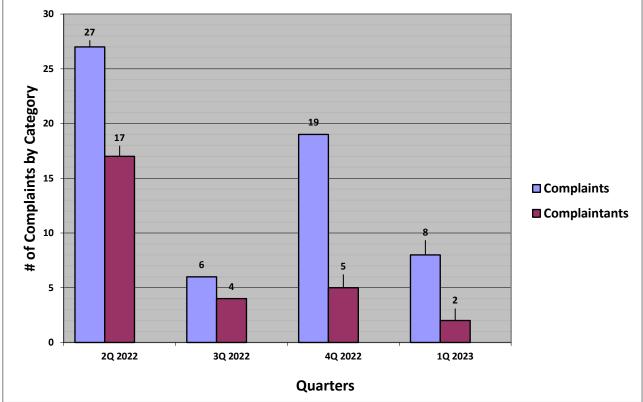


Figure 9: Noise Complaints

Source: RIAC Noise Hotline & Website/Email Portal 2022 - 2023

As seen in Figure 9, during the First Quarter 2023, RIAC received 8 complaints from 2 citizens.



APPENDIX A:

Air Carriers

Allegiant			Deviations	9
Airlines				
Date:	Time	RWY	Flight ID	АСТуре
1/8/2023	7:01 PM	23	AAY901	A320
1/12/2023	7:08 PM	23	AAY870	A320
1/26/2023	7:28 PM	23	AAY870	A320
2/23/2023	11:21 AM	5	AAY306	A319
2/26/2023	11:14 AM	23	AAY306	A319
3/4/2023	8:25 PM	5	AAY912	A320
3/9/2023	8:04 PM	5	AAY876	A320
3/19/2023	11:14 AM	23	AAY912	A320
3/19/2023	8:18 PM	23	AAY962	A320

American			Deviations	125
Airlines				
Date:	Time	RWY	Flight ID	АСТуре
1/21/2023	7:13 AM	5	ENY3326	E170
3/4/2023	7:27 AM	5	ENY3423	E170
3/11/2023	7:00 AM	5	ENY3423	E170
3/15/2023	7:41 AM	34	ENY3423	E170
3/28/2023	7:05 AM	5	ENY3423	E170
2/10/2023	8:51 AM	23	ENY3499	E145
2/15/2023	9:24 AM	23	ENY3499	E145
1/3/2023	5:08 PM	23	ENY3651	E170
1/5/2023	2:03 PM	5	ENY3651	E170
1/6/2023	2:21 PM	5	ENY3651	E170
1/13/2023	5:23 AM	23	ENY3651	E170
1/15/2023	10:17 AM	5	ENY3651	E170
1/18/2023	5:19 AM	23	ENY3651	E170
1/19/2023	5:16 AM	23	ENY3651	E75L
1/20/2023	5:23 AM	5	ENY3651	E170



American Airlines			Deviations	125
Date:	Time	RWY	Flight ID	АСТуре
1/23/2023	5:17 AM	5	ENY3651	E170
1/24/2023	5:20 AM	23	ENY3651	E170
1/25/2023	5:16 AM	23	ENY3651	E75L
1/26/2023	5:16 AM	23	ENY3651	E75L
1/27/2023	5:31 AM	23	ENY3651	E170
1/29/2023	5:24 AM	23	ENY3651	E170
1/31/2023	5:16 AM	5	ENY3651	E170
2/2/2023	5:10 AM	23	ENY3651	E75L
2/6/2023	4:49 PM	5	ENY3651	E170
1/27/2023	5:53 PM	23	ENY3773	E170
3/6/2023	5:39 PM	5	ENY3773	E170
3/11/2023	5:06 PM	5	ENY3773	E170
3/23/2023	4:57 PM	23	ENY3773	E170
3/9/2023	12:37 PM	5	PDT5939	E145
3/16/2023	12:43 PM	23	PDT5939	E145
3/3/2023	4:30 PM	23	PDT6028	E145
3/8/2023	4:22 PM	5	PDT6028	E145
3/13/2023	4:14 PM	5	PDT6028	E145
3/17/2023	4:15 PM	23	PDT6028	E145
3/16/2023	6:29 AM	5	PDT6069	E145
3/19/2023	6:07 AM	23	PDT6069	E145
3/23/2023	6:14 AM	23	PDT6069	E145
3/29/2023	6:08 AM	5	PDT6069	E145
2/3/2023	9:40 AM	34	JIA5141	CRJ9
2/6/2023	9:27 AM	23	JIA5141	CRJ9
2/14/2023	9:25 AM	23	JIA5141	CRJ9
2/20/2023	9:24 AM	23	JIA5141	CRJ9
2/22/2023	9:23 AM	23	JIA5141	CRJ9
3/8/2023	9:34 AM	34	JIA5141	CRJ9
3/11/2023	10:09 AM	5	JIA5141	CRJ9
3/13/2023	9:35 AM	5	JIA5141	CRJ7
1/10/2023	4:19 PM	34	JIA5192	CRJ7
1/15/2023	4:18 PM	5	JIA5192	CRJ9
1/16/2023	4:31 PM	5	JIA5192	CRJ9



American Airlines			Deviations	125
Date:	Time	RWY	Flight ID	АСТуре
1/21/2023	4:29 PM	5	JIA5192	CRJ9
2/23/2023	3:43 PM	5	JIA5192	CRJ9
2/24/2023	3:43 PM	34	JIA5192	CRJ9
1/6/2023	12:25 PM	5	JIA5335	CRJ9
2/3/2023	12:35 PM	34	JIA5335	CRJ9
2/11/2023	12:37 PM	34	JIA5335	CRJ9
2/13/2023	12:26 PM	5	JIA5335	CRJ9
1/2/2023	12:45 PM	23	JIA5336	CRJ9
2/2/2023	11:35 AM	23	JIA5336	CRJ9
2/3/2023	12:58 PM	23	JIA5336	CRJ9
2/14/2023	11:40 AM	5	JIA5336	CRJ9
2/13/2023	12:11 PM	5	JIA5379	CRJ9
2/14/2023	12:48 PM	5	JIA5379	CRJ9
2/26/2023	12:28 PM	23	JIA5379	CRJ9
2/3/2023	5:41 PM	34	JIA5382	CRJ9
2/8/2023	5:22 PM	5	JIA5382	CRJ9
2/24/2023	5:27 PM	34	JIA5382	CRJ9
2/27/2023	5:34 PM	23	JIA5382	CRJ9
3/4/2023	5:58 PM	5	JIA5382	CRJ7
1/10/2023	1:13 PM	34	JIA5409	CRJ9
1/14/2023	1:04 PM	5	JIA5409	CRJ9
1/16/2023	1:09 PM	5	JIA5409	CRJ9
1/23/2023	1:06 PM	5	JIA5409	CRJ9
1/24/2023	1:08 PM	23	JIA5409	CRJ9
1/30/2023	9:15 AM	23	JIA5414	CRJ9
1/14/2023	5:14 PM	5	JIA5415	CRJ9
1/15/2023	5:20 PM	5	JIA5415	CRJ9
1/31/2023	12:47 AM	23	JIA5459	CRJ9
2/6/2023	8:50 PM	5	JIA5459	CRJ7
2/17/2023	9:11 PM	34	JIA5459	CRJ7
3/2/2023	8:48 PM	34	JIA5459	CRJ7
3/24/2023	8:47 PM	5	JIA5459	CRJ7
3/31/2023	8:49 PM	23	JIA5459	CRJ7
1/23/2023	6:13 AM	5	JIA5585	CRJ9



American			Deviations	125
Airlines			Dertations	
Date:	Time	RWY	Flight ID	АСТуре
2/2/2023	6:09 AM	23	JIA5585	CRJ9
2/6/2023	6:23 AM	23	JIA5585	CRJ9
2/18/2023	6:10 AM	34	JIA5585	CRJ9
2/24/2023	6:17 AM	23	JIA5585	CRJ9
2/3/2023	7:58 PM	34	JIA5459	CRJ7
1/5/2023	1:54 PM	5	RPA4400	E75L
1/12/2023	12:15 PM	5	RPA4424	E75L
1/15/2023	12:33 PM	5	RPA4424	E75S
1/19/2023	12:31 PM	23	RPA4424	E75S
1/24/2023	12:16 PM	23	RPA4424	E75L
2/18/2023	6:29 AM	5	RPA4483	E75S
2/25/2023	7:24 AM	5	RPA4483	E75S
3/11/2023	5:43 AM	5	RPA4483	E75S
1/5/2023	6:39 AM	5	RPA4497	E75L
3/1/2023	5:40 PM	23	RPA4562	E75S
3/7/2023	5:28 PM	5	RPA4562	E75S
3/23/2023	5:45 PM	23	RPA4562	E75S
3/31/2023	5:39 PM	23	RPA4562	E75S
3/7/2023	12:26 PM	5	RPA4684	E75S
3/14/2023	4:01 PM	5	RPA4684	E75S
3/26/2023	12:23 PM	23	RPA4684	E75S
1/13/2023	5:58 AM	23	RPA4732	E75L
1/15/2023	8:44 AM	5	RPA4732	E75L
2/1/2023	6:20 AM	5	RPA4732	E75L
3/12/2023	5:52 AM	5	RPA4732	E75L
3/19/2023	5:55 AM	23	RPA4732	E75S
3/23/2023	6:03 AM	23	RPA4732	E75S
3/28/2023	5:49 AM	5	RPA4732	E75S
1/2/2023	9:14 AM	23	AAL1811	A319
1/3/2023	6:09 PM	23	AAL2888	A319
1/9/2023	6:49 AM	23	AAL1703	A321
1/14/2023	2:56 PM	5	AAL2061	A21N
2/19/2023	4:06 PM	23	AAL2061	A321
2/23/2023	4:04 PM	5	AAL2061	A321



American Airlines			Deviations	125
Date:	Time	RWY	Flight ID	АСТуре
2/24/2023	6:13 AM	23	AAL1703	A321
2/25/2023	7:34 PM	23	AAL1877	A321
3/7/2023	3:08 PM	5	AAL2061	A21N
3/8/2023	6:58 PM	5	AAL2061	A319
3/11/2023	4:05 PM	5	AAL2061	A319
3/11/2023	7:25 PM	5	AAL1877	A319
3/17/2023	7:28 PM	23	AAL1877	A321
3/23/2023	7:34 PM	23	AAL1877	A321

Avelo Airlines			Deviations		2
Date:	Time	RWY	Flight ID	АСТуре	
1/13/2023	1:21 PM	23	VXP8425	B737	
1/14/2023	9:48 PM	5	VXP9527	B737	

Breeze Airways			Deviations	12
Date:	Time	RWY	Flight ID	АСТуре
1/16/2023	11:53 AM	5	MXY221	BCS3
1/19/2023	10:07 AM	23	MXY417	E190
1/23/2023	11:31 AM	5	MXY221	BCS3
2/12/2023	8:29 PM	23	MXY417	E195
2/16/2023	9:26 AM	23	MXY417	E195
2/19/2023	10:46 AM	23	MXY221	E190
2/20/2023	7:02 PM	23	MXY333	E195
3/3/2023	6:52 PM	23	MXY333	E195
3/9/2023	6:38 PM	5	MXY211	E190
3/23/2023	6:34 PM	23	MXY211	E195
3/28/2023	1:15 PM	5	MXY329	BCS3
3/31/2023	9:43 AM	23	MXY221	E195



Delta Airlines			Deviations	63
Date:	Time	RWY	Flight ID	АСТуре
1/6/2023	6:08 AM	5	EDV4656	CRJ9
1/19/2023	12:17 PM	23	EDV4744	CRJ9
2/8/2023	12:24 PM	5	EDV4744	CRJ9
2/14/2023	12:10 PM	34	EDV4744	CRJ9
2/23/2023	1:41 PM	5	EDV4744	CRJ9
3/8/2023	12:11 PM	5	EDV4744	CRJ9
1/8/2023	6:30 PM	23	EDV4796	CRJ9
1/13/2023	5:45 AM	23	EDV5218	CRJ9
1/20/2023	5:41 AM	5	EDV5218	CRJ9
2/15/2023	5:35 AM	23	EDV5218	CRJ9
2/21/2023	5:44 AM	5	EDV5218	CRJ9
1/17/2023	7:56 PM	23	EDV5263	CRJ9
1/23/2023	7:24 PM	5	EDV5263	CRJ9
1/29/2023	6:58 PM	23	EDV5263	CRJ9
2/3/2023	8:54 PM	34	EDV5263	CRJ9
2/28/2023	7:33 PM	5	EDV5263	CRJ9
1/14/2023	6:50 AM	5	EDV5346	CRJ9
1/23/2023	7:04 AM	5	EDV5346	CRJ9
2/3/2023	6:30 AM	34	EDV5346	CRJ9
2/13/2023	6:49 AM	5	EDV5346	CRJ9
1/4/2023	9:09 AM	5	EDV5412	CRJ9
3/13/2023	7:18 AM	5	RPA5617	E75S
3/15/2023	7:12 AM	34	RPA5617	E75S
3/16/2023	7:11 AM	34	RPA5617	E75S
3/28/2023	7:20 AM	5	RPA5617	E75S
3/14/2023	12:32 PM	5	RPA5626	E75S
3/15/2023	8:43 PM	34	RPA5671	E75S
3/17/2023	6:06 PM	23	RPA5671	E75S
3/23/2023	6:08 PM	23	RPA5671	E75S
3/9/2023	5:18 AM	5	RPA5818	E75S
3/13/2023	5:25 AM	5	RPA5818	E75S
3/14/2023	5:22 AM	5	RPA5818	E75S
3/17/2023	5:22 AM	16	RPA5818	E75S
3/19/2023	9:51 AM	23	RPA5818	E170
3/20/2023	5:25 AM	23	RPA5818	E75S



Delta Airlines			Deviations	63
Date:	Time	RWY	Flight ID	АСТуре
3/22/2023	5:27 AM	5	RPA5818	E75S
3/25/2023	8:27 AM	5	RPA5818	E75S
3/26/2023	8:19 AM	23	RPA5818	E75S
3/27/2023	5:27 AM	23	RPA5818	E75S
3/29/2023	5:33 AM	5	RPA5818	E75S
1/23/2023	5:30 PM	5	SKW3587	CRJ9
2/7/2023	5:03 PM	23	SKW3587	CRJ9
2/15/2023	5:00 PM	23	SKW3587	CRJ9
2/28/2023	5:01 PM	5	SKW3587	CRJ9
3/31/2023	5:16 PM	23	SKW3587	CRJ9
1/10/2023	5:27 AM	23	SKW3657	CRJ9
1/17/2023	5:33 AM	23	SKW3657	CRJ9
3/16/2023	6:14 AM	34	SKW3806	CRJ9
3/22/2023	5:38 AM	16	SKW3806	CRJ9
1/25/2023	7:18 AM	23	SKW3821	CRJ9
2/2/2023	5:47 AM	23	SKW3821	CRJ9
2/3/2023	5:28 AM	23	SKW3821	CRJ9
1/14/2023	3:30 PM	5	DAL2215	A319
2/7/2023	6:35 AM	5	DAL1500	A320
2/10/2023	5:29 AM	23	DAL2092	A321
2/15/2023	4:20 PM	23	DAL2215	A320
2/23/2023	5:28 AM	5	DAL2092	A321
3/5/2023	1:35 PM	23	DAL2215	A320
3/7/2023	5:27 AM	5	DAL2092	A319
3/16/2023	1:39 PM	23	DAL2215	A320
3/20/2023	7:15 PM	23	DAL2659	A320
3/25/2023	8:09 AM	5	DAL2673	A320
3/27/2023	2:34 PM	23	DAL2215	A320

Frontier Airlines			Deviations		14
					14
Date:	Time	RWY	Flight ID	АСТуре	
1/15/2023	3:55 PM	5	FFT2647	A320	
1/21/2023	2:55 PM	5	FFT1183	A20N	



Frontier Airlines			Deviations	14
Date:	Time	RWY	Flight ID	АСТуре
2/4/2023	2:52 PM	23	FFT1183	A20N
2/6/2023	4:18 PM	5	FFT1183	A20N
2/8/2023	3:15 PM	5	FFT1183	A20N
2/11/2023	2:54 PM	23	FFT1183	A20N
2/24/2023	3:03 PM	34	FFT1183	A321
3/3/2023	1:43 PM	5	FFT1183	A321
3/4/2023	1:46 PM	5	FFT1183	A321
3/10/2023	2:21 PM	23	FFT1183	A21N
3/14/2023	6:52 PM	5	FFT2647	A321
3/22/2023	1:41 PM	23	FFT1183	A321
3/26/2023	4:39 PM	23	FFT2647	A321
3/27/2023	6:31 PM	23	FFT1183	A321

JetBlue Airlines			Deviations	64
Date:	Time	RWY	Flight ID	АСТуре
1/1/2023	6:07 AM	23	JBU1197	A320
1/2/2023	6:04 AM	23	JBU1197	A320
1/2/2023	3:06 PM	23	JBU1876	A320
1/7/2023	5:26 PM	23	JBU1075	A320
1/9/2023	6:37 AM	23	JBU1197	A320
1/10/2023	3:58 PM	23	JBU1287	E190
1/11/2023	6:09 AM	5	JBU1197	A320
1/11/2023	6:39 PM	5	JBU1075	A320
1/13/2023	6:06 AM	23	JBU1197	A320
1/14/2023	5:20 PM	5	JBU1075	A320
1/15/2023	6:02 AM	5	JBU1197	A320
1/15/2023	11:03 AM	5	JBU1287	E190
1/16/2023	6:06 PM	34	JBU1075	A320
1/16/2023	10:33 AM	5	JBU1287	E190
1/19/2023	5:17 PM	23	JBU1075	A320
1/20/2023	6:56 PM	5	JBU1075	A321
1/22/2023	5:58 AM	23	JBU1197	A320
1/23/2023	5:57 AM	5	JBU1197	A320



JetBlue Airlines			Deviations	64
Date:	Time	RWY	Flight ID	АСТуре
1/23/2023	10:32 AM	5	JBU1287	E190
1/24/2023	5:18 PM	23	JBU1075	A320
1/27/2023	10:24 AM	23	JBU1287	E190
1/28/2023	5:30 PM	23	JBU1075	A320
1/30/2023	10:28 AM	23	JBU1287	E190
2/2/2023	5:53 PM	23	JBU1075	A320
2/4/2023	5:42 PM	23	JBU1075	A320
2/9/2023	5:53 PM	23	JBU1075	A320
2/10/2023	6:23 PM	23	JBU1075	A320
2/12/2023	10:27 AM	23	JBU1287	E190
2/12/2023	5:21 PM	23	JBU1075	A320
2/16/2023	5:54 AM	23	JBU1397	A320
2/18/2023	5:36 PM	23	JBU1197	A320
2/18/2023	12:50 AM	5	JBU1075	A320
2/20/2023	10:20 AM	23	JBU375	A320
2/20/2023	5:34 PM	23	JBU1197	A320
2/21/2023	11:31 AM	5	JBU1287	E190
2/22/2023	11:10 AM	23	JBU375	A320
2/24/2023	12:34 AM	5	JBU1075	A320
2/25/2023	6:10 PM	23	JBU1197	A320
2/25/2023	11:21 AM	5	JBU375	A320
2/26/2023	1:32 AM	23	JBU1075	A320
2/26/2023	8:22 PM	23	JBU1197	A320
2/26/2023	11:21 PM	23	JBU1075	A320
2/27/2023	9:55 PM	5	JBU1075	A320
3/1/2023	10:37 AM	5	JBU375	A320
3/3/2023	6:27 PM	23	JBU1197	A320
3/3/2023	1:19 AM	5	JBU1075	A320
3/4/2023	12:01 PM	5	JBU1287	E190
3/4/2023	10:47 PM	5	JBU1075	A320
3/6/2023	9:48 PM	23	JBU1075	A320
3/9/2023	10:33 AM	5	JBU375	A320
3/9/2023	6:27 PM	5	JBU1075	A320
3/10/2023	6:29 AM	23	JBU2197	A320
3/11/2023	12:17 PM	5	JBU375	A320



JetBlue Airlines			Deviations	64
Date:	Time	RWY	Flight ID	АСТуре
3/14/2023	11:09 AM	5	JBU375	A320
3/16/2023	11:02 AM	23	JBU375	A320
3/16/2023	12:48 PM	23	JBU1287	E190
3/18/2023	6:31 AM	23	JBU2197	A320
3/18/2023	7:22 PM	23	JBU1075	A320
3/19/2023	6:23 AM	23	JBU2197	A320
3/19/2023	10:47 AM	23	JBU375	A320
3/19/2023	6:18 PM	23	JBU1075	A320
3/20/2023	12:31 PM	23	JBU1287	E190
3/26/2023	6:35 AM	23	JBU2197	A320
3/30/2023	10:08 PM	23	JBU1075	A320

Other (General Aviation)			Deviations	52
Date:	Time	RWY	Flight ID	АСТуре
3/29/2023	4:06 PM	23	EAL9577	B763
1/2/2023	3:41 PM	23	EJA550	C68A
1/13/2023	12:06 PM	23	EJA436	E55P
1/16/2023	2:28 PM	34	EJA398	E55P
1/26/2023	12:03 PM	23	EJA528	C68A
1/30/2023	3:45 PM	23	EJA502	C68A
2/5/2023	10:17 PM	23	EJA922	C68A
2/11/2023	11:53 AM	34	EJA167	GLEX
2/23/2023	11:39 AM	5	EJA409	E55P
2/26/2023	11:55 AM	23	EJA419	E55P
2/27/2023	1:32 PM	5	EJA394	E55P
3/1/2023	5:48 PM	23	EJA539	C68A
3/7/2023	7:35 PM	34	EJM141	GLF5
3/7/2023	8:10 PM	34	GGVOE	FA8X
1/26/2023	12:06 AM	23	GXA653	A320
1/30/2023	3:01 PM	23	HRT101	C56X
2/26/2023	8:20 PM	23	HRT101	C56X
1/1/2023	10:46 AM	23	JKR29	FA50



Other (General			Deviations	52
Aviation)				
Date:	Time	RWY	Flight ID	ACType
3/27/2023	3:03 PM	23	JKR29	FA50
1/2/2023	7:07 AM	23	JTZ715	C68A
2/13/2023	8:01 AM	5	KPO780	H25B
1/29/2023	2:01 PM	23	LAK577	C560
1/22/2023	11:54 AM	23	LXJ451	GLF4
2/1/2023	7:13 AM	5	LXJ355	E55P
2/16/2023	10:13 AM	23	MUATG	CL60
1/16/2023	7:03 PM	34	MVP839	C55B
3/3/2023	9:24 AM	5	MVP752	H25B
3/20/2023	10:45 AM	23	MVP620	H25B
3/30/2023	1:08 PM	34	N1JS	H25B
2/23/2023	12:14 PM	5	N200CH	F2TH
1/8/2023	10:31 AM	5	N214TF	F2TH
1/29/2023	7:39 AM	23	N214TF	F2TH
2/21/2023	5:20 AM	5	N214TF	F2TH
3/30/2023	1:25 PM	34	N241JS	H25B
2/26/2023	1:06 PM	23	N2PK	PC24
1/6/2023	3:42 PM	5	N30NS	C525
1/26/2023	4:10 PM	23	N509CX	C750
2/22/2023	2:10 PM	23	N515CX	C750
1/17/2023	8:42 AM	23	N520SC	F2TH
2/9/2023	8:22 PM	23	N580EE	C56X
3/3/2023	6:20 PM	23	N606JF	H25B
1/7/2023	9:50 AM	23	N627DH	C25C
2/28/2023	6:18 PM	5	N651AD	SF50
1/12/2023	6:17 PM	23	N71HR	G280
3/2/2023	7:33 PM	34	N865R	GLF5
2/3/2023	3:01 PM	34	N877H	CL60
3/4/2023	3:49 PM	5	N900UC	CL60
3/30/2023	6:44 PM	34	N901WF	H25B
3/25/2023	12:14 PM	16	N93EC	CL35
3/28/2023	5:19 AM	5	OV3513	B738
3/18/2023	7:42 PM	23	VNT824	LJ55
2/24/2023	3:05 PM	34	WWI82	GLF4



Southwest Airlines			Deviations	7
Date:	Time	RWY	Flight ID	АСТуре
1/1/2023	5:25 AM	23	SWA2073	B738
1/2/2023	5:08 AM	23	SWA1094	B738
1/3/2023	5:21 AM	23	SWA2073	B38M
1/3/2023	5:18 AM	5	SWA2666	B738
1/7/2023	1:55 PM	23	SWA464	B737
1/7/2023	3:47 PM	23	SWA101	B737
1/8/2023	7:58 PM	23	SWA804	B38M
1/10/2023	5:16 PM	23	SWA598	B737
1/11/2023	12:00 PM	5	SWA497	B737
1/11/2023	6:02 PM	5	SWA598	B738
1/12/2023	5:54 PM	16	SWA598	B738
1/14/2023	4:21 PM	5	SWA356	B737
1/14/2023	6:31 PM	5	SWA1918	B737
1/15/2023	6:10 AM	5	SWA436	B38M
1/15/2023	11:01 AM	5	SWA1488	B737
1/15/2023	1:03 PM	5	SWA2287	B737
1/18/2023	5:09 PM	34	SWA598	B38M
1/19/2023	6:12 AM	23	SWA2329	B738
1/22/2023	4:50 PM	23	SWA356	B737
1/23/2023	7:07 AM	5	SWA2114	B737
1/26/2023	4:30 PM	23	SWA356	B737
1/27/2023	1:43 PM	23	SWA2805	B38M
1/31/2023	6:16 AM	5	SWA2329	B38M
1/31/2023	5:06 PM	5	SWA598	B738
2/1/2023	6:40 AM	5	SWA2329	B738
2/3/2023	7:06 AM	34	SWA2114	B737
2/6/2023	6:18 AM	23	SWA2329	B38M
2/11/2023	3:57 PM	23	SWA101	B738
2/12/2023	6:00 PM	23	SWA1150	B38M
2/12/2023	7:52 PM	23	SWA804	B737
2/14/2023	6:24 PM	23	SWA101	B737
2/17/2023	10:34 AM	23	SWA1963	B737



Southwest Airlines			Deviations	72
Date:	Time	RWY	Flight ID	АСТуре
2/18/2023	1:35 PM	23	SWA2288	B737
2/19/2023	6:43 AM	23	SWA497	B737
2/23/2023	10:40 AM	5	SWA1963	B737
2/25/2023	6:46 AM	5	SWA2114	B738
2/27/2023	10:59 PM	16	SWA8507	B38M
2/27/2023	1:41 PM	5	SWA2805	B738
3/1/2023	10:42 AM	5	SWA1963	B737
3/2/2023	5:16 PM	5	SWA598	B38M
3/5/2023	2:10 PM	23	SWA101	B737
3/8/2023	10:39 AM	5	SWA1963	B737
3/9/2023	5:08 AM	5	SWA1327	B738
3/10/2023	5:03 AM	23	SWA1327	B738
3/11/2023	5:09 AM	23	SWA674	B737
3/11/2023	5:15 AM	23	SWA952	B738
3/11/2023	5:03 PM	5	SWA3498	B738
3/12/2023	6:51 PM	5	SWA2645	B737
3/14/2023	5:49 PM	5	SWA3551	B738
3/15/2023	5:22 AM	5	SWA1327	B738
3/16/2023	8:20 PM	23	SWA3144	B737
3/16/2023	5:56 AM	34	SWA508	B737
3/17/2023	5:05 AM	23	SWA1327	B38M
3/17/2023	6:28 AM	5	SWA508	B737
3/18/2023	5:08 AM	23	SWA674	B737
3/18/2023	5:13 AM	23	SWA952	B38M
3/18/2023	3:25 PM	23	SWA1580	B738
3/18/2023	1:11 PM	5	SWA2645	B737
3/19/2023	10:51 AM	23	SWA1138	B737
3/20/2023	5:06 AM	23	SWA1327	B738
3/21/2023	5:06 AM	23	SWA1327	B738
3/21/2023	5:40 AM	23	SWA2258	B737
3/22/2023	5:06 AM	23	SWA1327	B738
3/22/2023	5:41 AM	23	SWA2258	B737
3/24/2023	5:07 AM	5	SWA1327	B738
3/25/2023	5:13 AM	5	SWA674	B737



Southwest Airlines			Deviations	72
Date:	Time	RWY	Flight ID	АСТуре
3/25/2023	5:17 AM	5	SWA952	B738
3/27/2023	5:17 AM	23	SWA1327	B38M
3/29/2023	6:56 AM	5	SWA2256	B737
3/30/2023	5:17 AM	23	SWA1327	B738
3/30/2023	7:04 PM	34	SWA2185	B737
3/31/2023	10:48 AM	23	SWA2467	B738

Swift Air			Deviations		2
Date:	Time	RWY	Flight ID	АСТуре	
1/28/2023	12:59 PM	23	SWQ932	B734	
3/26/2023	7:33 PM	23	SWQ9075	B738	

United Airlines			Deviations	57
Date:	Time	RWY	Flight ID	АСТуре
2/15/2023	2:54 PM	23	AWI3737	CRJ2
2/21/2023	2:43 PM	5	AWI3737	CRJ2
3/1/2023	6:26 AM	23	AWI3761	CRJ2
1/19/2023	6:40 PM	23	AWI3798	CRJ2
2/5/2023	4:48 PM	23	AWI3798	CRJ2
1/13/2023	6:13 AM	23	UCA4259	E145
1/17/2023	6:34 AM	23	UCA4259	E145
1/26/2023	6:18 AM	23	UCA4259	E145
1/4/2023	3:16 PM	5	UCA4359	E145
1/6/2023	2:53 PM	5	UCA4359	E145
1/13/2023	3:35 PM	23	UCA4359	E145
1/31/2023	3:14 PM	5	UCA4359	E145
2/7/2023	2:43 PM	5	UCA4359	E145
3/5/2023	4:41 PM	5	UCA4359	E145
3/8/2023	5:55 AM	5	UCA4823	E145
3/11/2023	6:31 AM	5	UCA4823	E145



United Airlines			Deviations	57
Date:	Time	RWY	Flight ID	АСТуре
3/16/2023	6:01 AM	34	UCA4823	E145
3/23/2023	6:04 AM	23	UCA4823	E145
1/6/2023	6:24 AM	5	RPA3412	E75L
1/15/2023	6:16 AM	5	RPA3412	E75L
1/16/2023	6:18 AM	5	RPA3412	E75L
1/19/2023	6:20 AM	23	RPA3412	E75L
1/22/2023	6:17 AM	23	RPA3412	E75L
1/29/2023	6:44 AM	23	RPA3412	E75L
2/1/2023	6:59 AM	5	RPA3412	E75L
3/16/2023	6:16 AM	34	RPA3412	E75L
1/31/2023	7:36 PM	5	RPA3515	E170
2/5/2023	7:37 PM	23	RPA3515	E170
2/9/2023	7:35 PM	23	RPA3515	E170
2/10/2023	8:12 PM	23	RPA3515	E75L
2/13/2023	5:52 PM	5	RPA3515	E170
2/19/2023	5:47 PM	23	RPA3515	E170
2/23/2023	6:40 PM	5	RPA3515	E170
3/9/2023	5:57 PM	5	RPA3515	E75L
3/10/2023	5:41 PM	23	RPA3515	E75L
1/2/2023	11:13 AM	23	RPA3598	E75L
2/15/2023	11:43 AM	23	RPA3598	E75L
2/20/2023	11:46 AM	23	RPA3598	E75L
2/21/2023	11:34 AM	5	RPA3598	E75L
3/17/2023	4:54 PM	23	RPA3614	E170
3/18/2023	5:01 PM	23	RPA3614	E170
3/20/2023	4:52 PM	23	RPA3614	E170
3/29/2023	5:58 PM	23	RPA3618	E75L
1/5/2023	11:42 AM	5	RPA3636	E170
1/6/2023	11:45 AM	5	RPA3636	E170
1/8/2023	11:40 AM	5	RPA3636	E170
1/30/2023	11:42 AM	23	RPA3636	E170
2/27/2023	6:23 PM	23	RPA3316	E170
1/4/2023	9:49 AM	5	SKW4647	E75L
2/3/2023	9:52 AM	34	SKW4647	E75L
3/4/2023	7:00 AM	5	SKW5478	E75L



United Airlines			Deviations	57
Date:	Time	RWY	Flight ID	АСТуре
3/17/2023	6:44 AM	5	SKW5478	E75L
3/24/2023	6:06 AM	34	SKW5478	E75L
3/25/2023	6:46 AM	5	SKW5478	E75L
2/18/2023	6:28 AM	5	UAL490	A319
3/1/2023	6:07 AM	23	UAL1078	A319
3/29/2023	6:44 AM	5	UAL531	A319

Cargo Carriers

FedEx			Deviations		3
Date:	Time	RWY	Flight ID	АСТуре	
2/2/2023	8:59 PM	23	FDX1254	B752	
2/16/2023	8:49 PM	23	FDX1254	B752	
3/24/2023	8:42 PM	23	FDX1254	B752	

UPS			Deviations	5
Date:	Time	RWY	Flight ID	АСТуре
1/12/2023	8:28 PM	23	UPS1029	B752
1/17/2023	8:15 PM	23	UPS1029	B752
1/19/2023	8:24 PM	23	UPS1029	B752
1/30/2023	9:32 PM	23	UPS1299	B752
2/15/2023	9:37 PM	23	UPS1299	B752