

FINAL REPORT – 2017 NOISE CONTOUR ANALYSIS

Aviation Acoustical and Land Use Compatibility
Planning Services
Miami International Airport (MIA)

Prepared for
Miami-Dade Aviation Department
4200 NW 36th St.
Miami, Florida 33102

November 8, 2018

by
ENVIRONMENTAL SCIENCE ASSOCIATES
5401 South Kirkman Rd. Ste. 405
Orlando, Florida 32819



FINAL REPORT – 2017 NOISE CONTOUR ANALYSIS

Aviation Acoustical and Land Use Compatibility Planning Services Miami International Airport (MIA)

Prepared for
Miami-Dade Aviation Department
4200 NW 36th St.
Miami, Florida 33102

November 8, 2018

5401 South Kirkman Road
Suite 405
Orlando, FL 32819
407.403.6300
www.esassoc.com



OUR COMMITMENT TO SUSTAINABILITY | ESA helps a variety of public and private sector clients plan and prepare for climate change and emerging regulations that limit GHG emissions. ESA is a registered assessor with the California Climate Action Registry, a Climate Leader, and founding reporter for the Climate Registry. ESA is also a corporate member of the U.S. Green Building Council and the Business Council on Climate Change (BC3). Internally, ESA has adopted a Sustainability Vision and Policy Statement and a plan to reduce waste and energy within our operations. This document was produced using recycled paper.

TABLE OF CONTENTS

MIA 2017 Noise Contours

	<u>Page</u>
Sections	
1.0 Introduction and Overview	1
2.0 MIA ANOMS Aircraft Operations	1
3.0 Aircraft Fleet Mix	2
4.0 Stage Lengths	2
5.0 Time of Day	3
6.0 Runway Use	3
7.0 Flight Track and Flight Track Use Percentages	4
8.0 2017 DNL Noise Contours	17
9.0 2015 vs 2017 DNL Noise Contour Comparison	17

Appendices

A	Operations Information
---	------------------------

List of Figures

Figure 1: Modification to 08LD2 Modeled Departure Flight Track
Figure 2: Modification to 08RD1 Modeled Departure Flight Track
Figure 3: Fixed-Wing AEDT Flight Tracks – East Flow
Figure 4: Fixed-Wing AEDT Flight Tracks – West Flow
Figure 5: Helicopter AEDT Flight Tracks
Figure 6: 2017 DNL Contours
Figure 7: 2015 and 2017 DNL Contours
Figure 8: Differences in Noise Exposure – 2015 versus 2017 DNL Contours
Figure 9: 2015 and 2017 DNL Contours and 2015 and 2017 08RD1 Modeled Flight Track Modification

List of Tables

Table 1 – 2017 Day-Night Departure and Arrival Percentages	3
Table 2 – 2017 Runway Use Percentages	4
Table 3 – 2017 DNL Noise Contour Areas	5
Table 4 – DNL Noise Contour Area Comparison	6
Table 5 – Aircraft Operations Comparison	6
Table 6 – Aircraft Operations Comparison with Nighttime Weighted Operations	8
Table 7 – Overall Runway Use Comparison	8

This Page Intentionally Blank

MIAMI INTERNATIONAL AIRPORT

2017 Noise Contours

1.0 Introduction and Overview

This report provides an analysis and overview of the noise modeling data preparation and resulting contours for the calendar year 2017 at Miami International Airport (MIA). The FAA's Aviation Environmental Design Tool version 2d (AEDT 2d) was used to develop the Day-Night Average Sound Level (DNL) contours for the calendar year 2017. These contours were compared against the MIA 2015 noise contours that were previously modeled using the AEDT 2b Service Pack 3.

The MIA 2017 noise contours were prepared using aircraft activity information from the calendar year 2017. The data used in generating the DNL contours was derived from the MIA Airport Noise and Operations Monitoring System (ANOMS) data provided by the Miami-Dade Aviation Department (MDAD), the FAA's Operations Network (OPSNET) data, as well as communications with MDAD personnel. The MIA ANOMS data included specific detailed information about the operation of the airport helpful in developing the MIA 2017 DNL contours, which were prepared using AEDT 2d. A detailed discussion of the model inputs used to develop these contours is included in the following sections.

2.0 MIA ANOMS Aircraft Operations

MIA ANOMS data provided valuable information for noise contour development including the date, time of day, operation type (departure or arrival), runway used, flight and/or tail number, aircraft type, airline, and destination/origin for almost every operation occurring at MIA. The MIA ANOMS system recorded a total of 414,283 airport operations in 2017 while the FAA's OPSNET data, which reflect operations counts collected by MIA air traffic controllers, reported 413,287 airport operations at MIA during the same timeframe.

Further analysis of the ANOMS data showed that for some operations not all of the data was complete. This analysis identified 645 operations with incomplete aircraft information, and 72 departures with unknown destinations. Due to the lack of information available to define aircraft types, these operations were omitted from the data set. For departures with unknown destinations, further research was required, as described in Section 4.0 of this document. While the MIA ANOMS recorded 996 operations less than the FAA's OPSNET, the OPSNET numbers were considered the official operational count for the purposes of the 2017 noise contour development. As a result, the ANOMS destination and fleet data was prorated to the 413,287 operations reflected in the FAA's OPSNET database. This equates to an average of approximately 1,132

daily operations (defined as either an arrival or departure) at MIA during the calendar year 2017. It should be noted that the MIA ANOMS data reported approximately 984 helicopter operations, which equated to 0.2% of the total number of aircraft operations that were included in the model.

3.0 Aircraft Fleet Mix

The MIA ANOMS data provided a comprehensive list of aircraft that utilized MIA for the calendar year 2017. This list was used to determine equivalent AEDT aircraft for the purposes of developing DNL noise contours. In determining the AEDT equivalent aircraft for the purposes of noise modeling, research was done by aircraft type to determine the specific airline fleet mixes and engine types. For example, the AEDT includes a total of 22 Boeing 757-200 airframes with various combinations of engine codes and engine modification codes. Through specific airline fleet mix research, specific combinations of engine codes and engine modification codes were determined for the recorded aircraft in the MIA ANOMS data. AEDT fleet mix was developed and is presented in **Appendix A-1** through **Appendix A-6** for various airport operational parameters, described below.

4.0 Stage Lengths

Once the specific airline fleet mix analysis was completed, departure destination information provided by the MIA ANOMS was analyzed to determine departure stage lengths. An aircraft's stage length (or trip length) refers to the distance an aircraft flies from its origin airport (MIA) to its intended destination. The stage length is important in noise modeling since the longer the distance an aircraft will fly to its destination, the greater the fuel load required and overall weight and, as a result, the lower its departure profile will be. Stage lengths for aircraft departing MIA used in the AEDT include the following stages:

Stage Length 1:	0 to 500 miles
Stage Length 2:	500 to 1,000 miles
Stage Length 3:	1,001 to 1,500 miles
Stage Length 4:	1,501 to 2,500 miles
Stage Length 5:	2,501 to 3,500 miles
Stage Length 6:	3,501 to 4,500 miles
Stage Length 7:	4,501 to 5,500 miles
Stage Length 8:	5,501 to 6,500 miles
Stage Length 9:	6,500+ miles

As stated previously, there were 72 ANOMS aircraft departures without destination information. Specific research on destinations flown by individual airlines was analyzed and applied to the unknown destinations, when applicable. Where no consistent airline destination could be determined, the percentage of unknown departure operations was prorated to reflect a cross section of stage lengths similar to those operations with known destinations. The stage length information used to develop the MIA 2017 noise contours is included in **Appendix A-1**.

5.0 Time of Day

Another important component in developing the DNL contours is determining the day-night use percentages for each AEDT aircraft. This data is important because the DNL metric is a 24-hour, time-weighted energy average. The time-weighting refers to the fact that noise events occurring during certain noise sensitive time periods receive a penalty. For the DNL metric, noise events occurring between the hours of 10:00:00 p.m. and 6:59:59 a.m. receive a 10 dB “penalty”. This penalty attempts to account for the higher sensitivity to noise in the nighttime and the expected decrease in background noise levels at night in comparison with background noise levels during the day. Because noise is measured on a logarithmic scale, a 10 dB penalty means each nighttime noise event is weighted as equivalent to 10 daytime events.

The ANOMS data provided by MDAD included time of day information, which was useful in determining the day-night percentages. Overall, MIA has a day-night percentage of approximately 87 percent day and 13 percent night. **Table 1** shows the overall daytime and nighttime distribution for arrivals and departures, while time-of-day percentages by AEDT aircraft type are shown in **Appendix A-2**.

TABLE 1
2017 DAY-NIGHT DEPARTURE AND ARRIVAL PERCENTAGES

	Day Departures	Night Departures	Day Arrivals	Night Arrivals	Total
Total	180,178	26,465	178,503	28,141	413,287
Percentage	44%	6%	43%	7%	100%

SOURCE: MIA ANOMS Data, 2017; ESA, 2018.

6.0 Runway Use

Runway use percentages are another important component in developing noise contours. Some airports have a preferred or preferential runway system that balances noise concerns with the safest and most efficient use of the airport. If a certain runway is used predominantly for departures while another runway is used for arrivals, the noise contours will differ to reflect the type of activity. The MIA ANOMS data provided runway use information for each operation for the development of the 2017 MIA noise contours. **Table 2** shows the runway use percentages by day-night departures and arrivals. From Table 2, it can be determined that MIA most commonly operates day and night in an east flow condition utilizing Runways 08L, 08R, 09, and 12 a total of 78.9 percent of the time. This is a result of the strong ocean breezes and the performance needs of aircraft to depart into the wind. Runway 08R has the highest percentage of runway operations at approximately 35 percent and is heavily used for departures and nighttime arrivals.

TABLE 2
2017 RUNWAY USE PERCENTAGES

Runway	Departures Day	Departures Night	Arrivals Day	Arrivals Night	Total Rwy Percentage
09	4.07%	15.80%	41.15%	40.97%	23.35%
12	1.44%	1.37%	23.67%	1.49%	11.04%
08L	8.42%	4.92%	12.70%	4.91%	9.80%
08R	65.21%	56.22%	1.64%	29.53%	34.75%
27	9.55%	10.41%	1.97%	2.86%	5.87%
30	0.30%	0.25%	8.86%	0.61%	4.01%
26L	8.49%	9.97%	1.65%	16.44%	6.17%
26R	2.52%	1.06%	8.37%	3.19%	5.00%
Total	100.00%	100.00%	100.00%	100.00%	100.00%

SOURCE: MIA ANOMS Data, 2017; FAA OPSNET Data, 2017; ESA, 2018
Note: Percentages may not equal 100% due to rounding

Runway use percentages are also influenced by the relationship of where aircraft park on the airport relative to the runway location. MIA has a high number of cargo and general aviation operations in addition to air carrier operations. Most of the general aviation aircraft park on the north side of the airport and are more likely to use Runways 08L-26R and 08R-26L. Cargo aircraft are based at multiple locations on the airport and may use a broader range of runways. This is an important consideration as larger/heavier aircraft are often louder than their general aviation counterparts and will have more of an effect on the shape of the noise contours. For this reason, runway use percentages by aircraft type were also determined and used to develop the MIA 2017 noise contours. Daytime and nighttime departure operations percentages by AEDT aircraft type are included in **Appendix A-3** and **Appendix A-4**, respectively; while daytime and nighttime arrival operations percentages by AEDT aircraft type are included in **Appendix A-5** and **Appendix A-6**, respectively.

Note that helicopter takeoff and landing locations were consolidated to one location immediately north of Runway 08L-26R because the ANOMS radar tracks indicated the majority of helicopters depart from and arrive to this area. All helicopter takeoff and landing activity was assigned to this location, labeled as H1 throughout **Appendix A**.

7.0 Flight Track and Flight Track Use Percentages

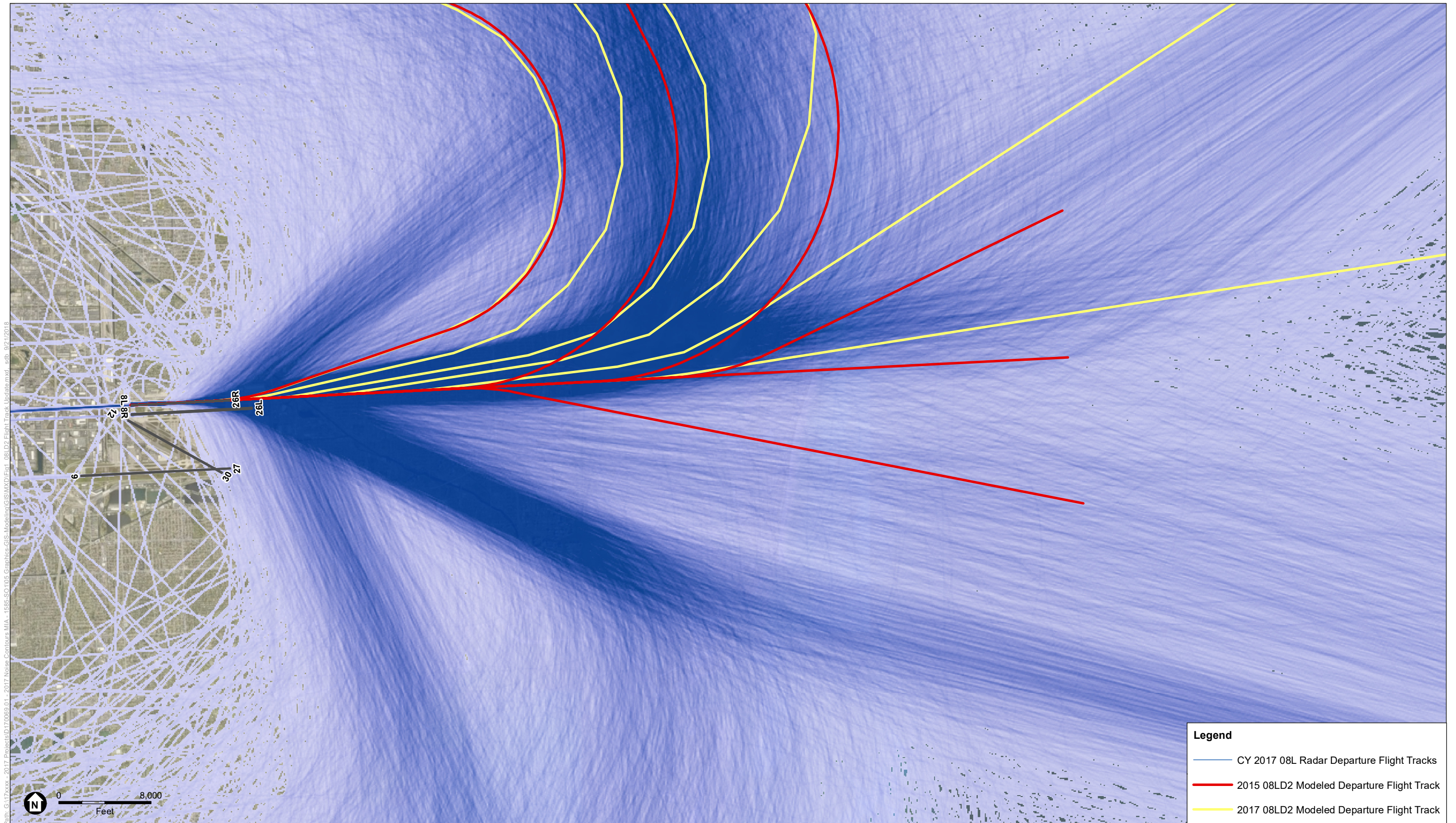
To determine noise levels on the ground, it is not only important to know how many operations are occurring and on what runways, but also to know where the aircraft are flying beyond the runways as they ingress and egress the airport. Flight track and flight track use percentages are a key element in the development of the DNL contours. In order to obtain this information, MDAD provided radar flight tracks to and from each runway at MIA for the calendar year 2017. The 2017 radar flight tracks were compared to the modeled flight tracks from the 2015 noise contour

development activity. Based on the comparison, two flight tracks were modified for the 2017 modeling activity.

Figure 1 presents the departure track modification for 08LD2. **Figure 2** presents the departure track modification for 08RD1. Those tracks were modified to better correlate to the 2017 radar flight tracks. In addition to the physical flight track modifications for those two tracks, the aircraft loading percentages were also modified for 08RD1. The 2015 08RD1 track loading was 30% to the center track, 30% to the inner sub-tracks and 5% to the outer sub-tracks. After careful review, the 2017 08RD1 track loading was changed to 40% to the center track, 25% to the inner sub-tracks, and 5% to the outer sub-tracks. These track loadings are shown in Figure 2.

The flight track use percentages used in the modeling effort remained otherwise unchanged from the 2015 model, and are provided by runway end in **Appendix A-7**. Dispersion of aircraft operations across sub-tracks is presented in **Appendix A-8**. The flight track locations are depicted in **Figures 3, 4, and 5**.

This Page Intentionally Blank



Path: G:\17xxxx - 2017 Predicted\170069.01 - 2017 Noise Contours MIA - 1665-SO\05 Graphics\GIS\Map\img\GIS\Map\img\08LD2 Flight Track Update.mxd, sub_ 9/1/2018

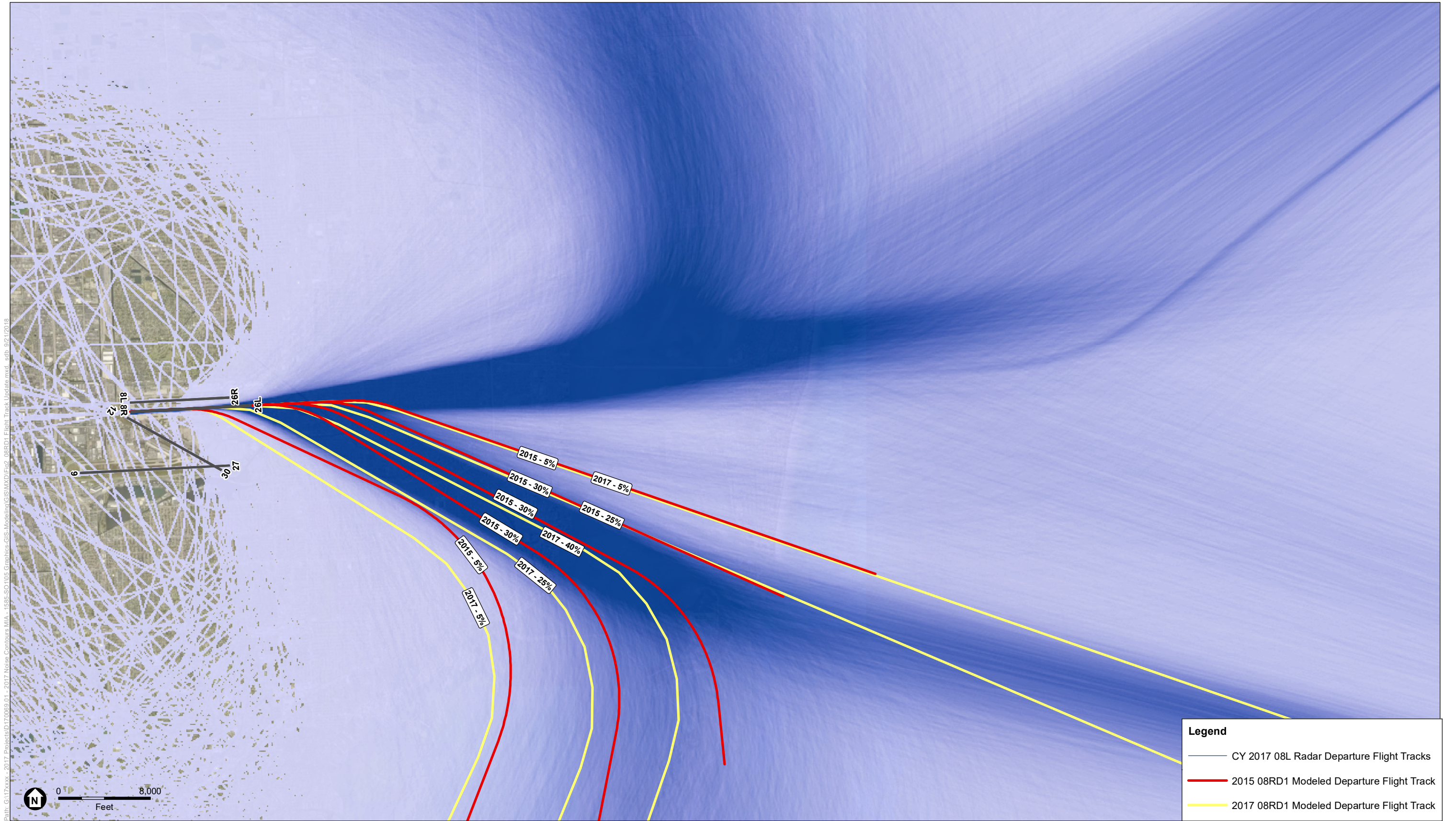
SOURCE: AEDT 2b SP3; AEDT 2d; MIA ANOMS, 2017; ESA, 2018
 AEDT = Aviation Environmental Design Tool.
 Note: Use percentages for each flight track are the same as in the year 2015 noise analysis.

Miami International Airport Noise Contour Update . 170069.01

Figure 1
 Modification to 08LD2 Modeled Departure Flight Track
 Miami International Airport



This Page Intentionally Blank



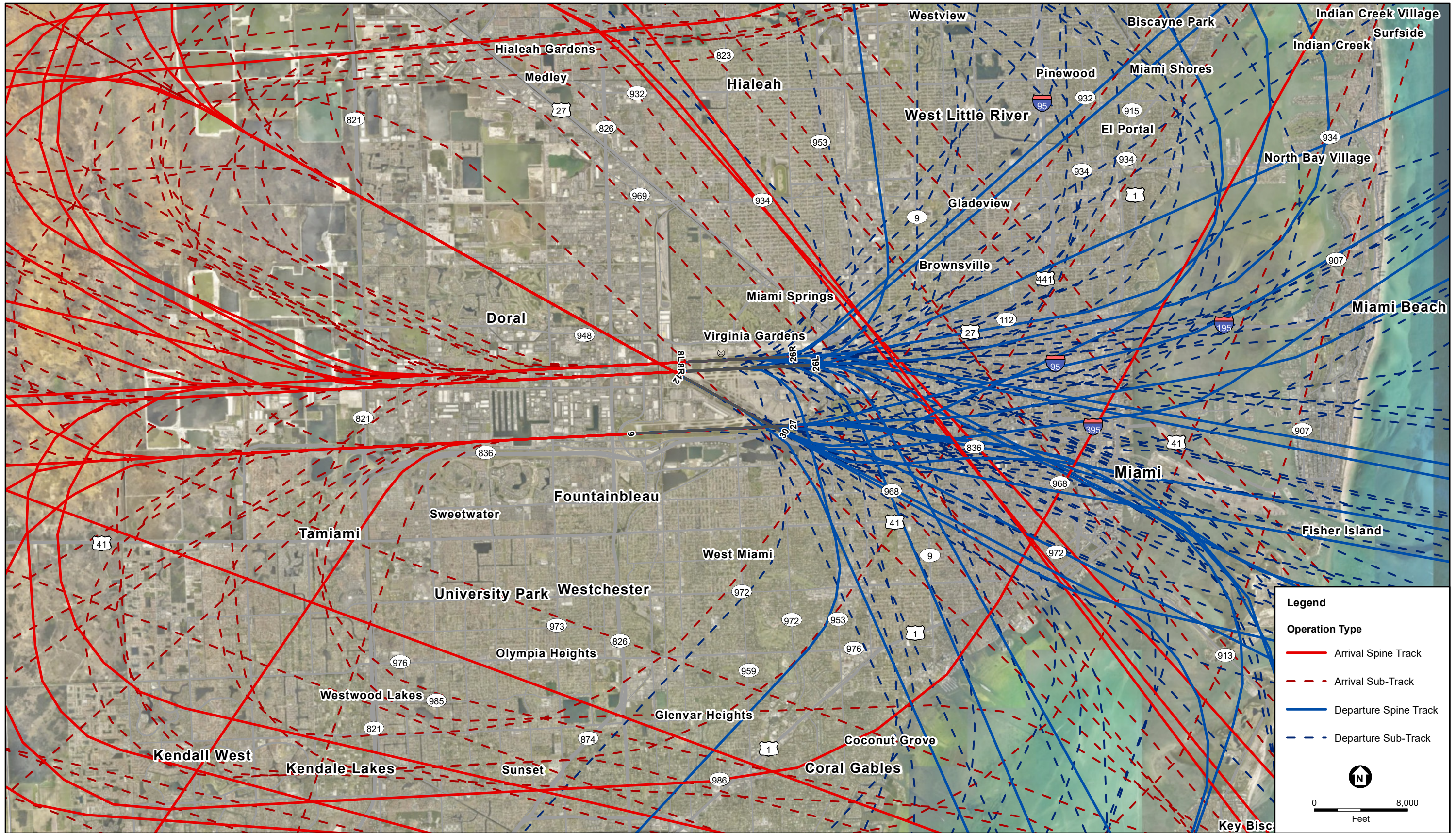
Path: G:\17xxxx\2017 Projects\170069.01 - 2017 Noise Contour MIA - 1665-SO-105-Graphics-GIS-Modeling\GIS\XDI\Fig2_08RD1_Flight_Track_Update.mxd_sch_9/21/2018

SOURCE: AEDT 2b SP3; AEDT 2d; MIA ANOMS, 2017; ESA, 2018
 AEDT = Aviation Environmental Design Tool.

Miami International Airport Noise Contour Update . 170069.01

Figure 2
 Modification to 08RD1 Modeled Departure Flight Track
 Miami International Airport

This Page Intentionally Blank

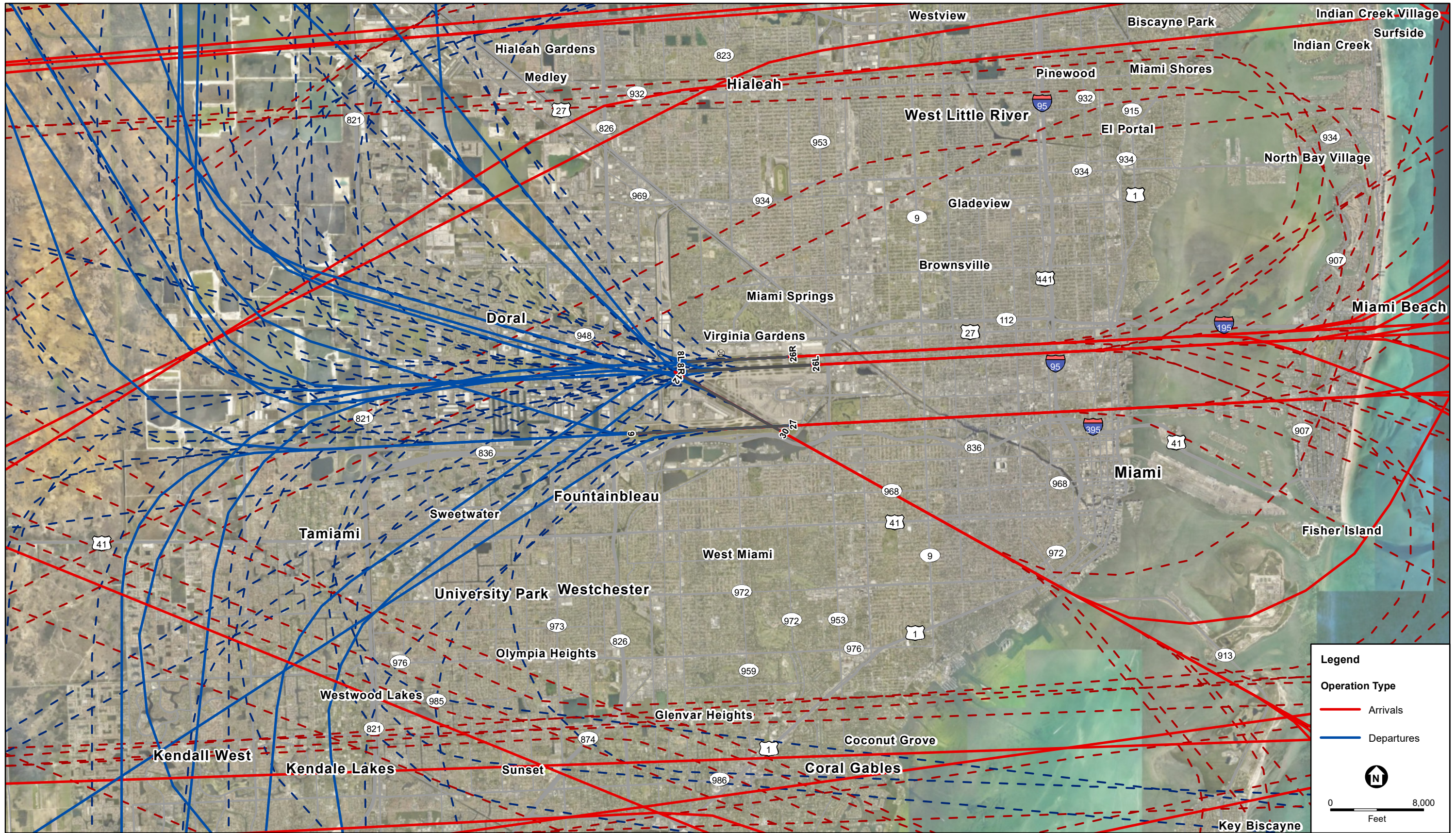


SOURCE: AEDT 2d; ESA, 2018; World Imagery (Aerial)
 AEDT = Aviation Environmental Design Tool.

Miami International Airport Noise Contour Update . 170069.01

Figure 3
 Fixed-Wing AEDT Flight Tracks - East Flow
 Miami International Airport

This Page Intentionally Blank



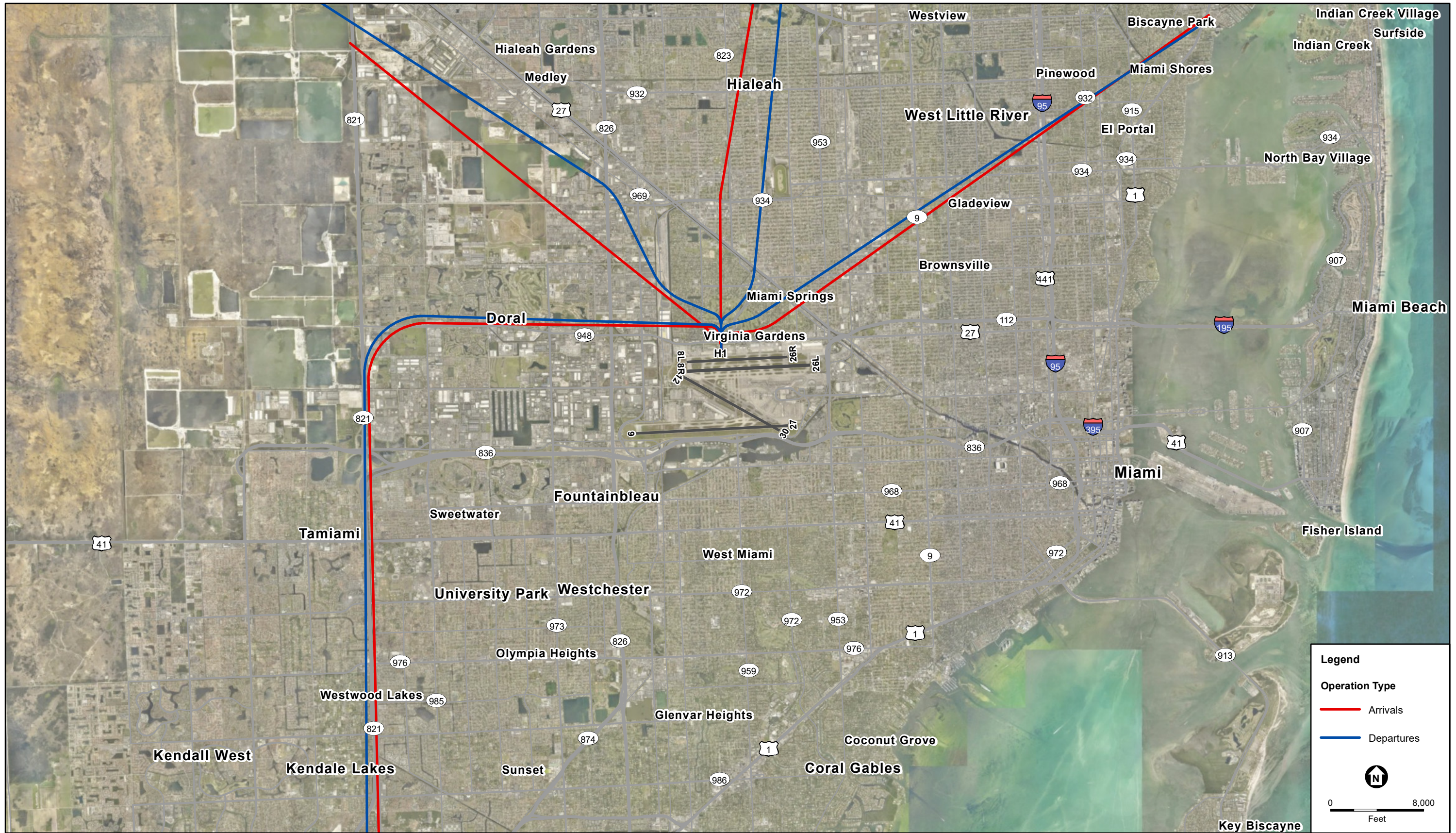
SOURCE: AEDT 2d; ESA, 2018; World Imagery (Aerial)
 AEDT = Aviation Environmental Design Tool.

Miami International Airport Noise Contour Update . 170069.01

Figure 4
 Fixed-Wing AEDT Flight Tracks -- West Flow
 Miami International Airport



This Page Intentionally Blank



SOURCE: AEDT 2d; ESA, 2018; World Imagery (Aerial)
AEDT = Aviation Environmental Design Tool.

Miami International Airport Noise Contour Update . 170069.01

Figure 5
Helicopter AEDT Flight Tracks
Miami International Airport



This Page Intentionally Blank

8.0 2017 DNL Noise Contours

The information described above was compiled and incorporated into the AEDT. The AEDT calculates noise using a defined network of grid points at ground level around an airport. It computes the noise generated by each aircraft operation, by aircraft type and engine thrust level along each flight track. Corrections are applied for atmospheric acoustical attenuation, acoustical shielding of the aircraft engines by the aircraft itself, and aircraft speed variations. The noise exposure levels for each aircraft are then summed at each grid point. The cumulative noise exposure levels at all grid points are then used to develop noise exposure contours for selected values (e.g. DNL 65, 70 and 75 dB). Using the results of the grid point analysis, noise contours of equal noise exposure can then be plotted. The 2017 MIA noise contours for DNL 65, 70, and 75 dB are shown in **Figure 6**. These contours represent the noise exposure to areas surrounding MIA on an average annual day. The overall shape of the noise contours reflect the east and west orientation of the runways at MIA. The area of the contours in square miles is shown in **Table 3**. Each contour area is inclusive of the subsequent contour areas. Therefore, the cumulative footprint of all three contours is approximately 10.77 square miles.

TABLE 3
2017 DNL NOISE CONTOUR AREAS

DNL	Contour Area (Square Miles)
65 and greater	10.77
70 and greater	4.26
75 and greater	1.78

SOURCE: AEDT 2d, ESA 2018

As stated previously, MIA typically operates in an east flow condition due to the predominant winds at the airport. The narrower more defined bands to the west of the airport reflect the influence of the high number of arriving aircraft from the west, while the wider bands of contours to the east reflect the higher number of aircraft departures to the east.

9.0 2015 vs 2017 DNL Noise Contour Comparison

In order to determine the changes in noise exposure that occur over time, it is helpful to compare previous contours to existing contours. With the understanding that the MIA 2015 DNL contours were produced with AEDT 2b SP3 and the 2017 DNL contours were produced with AEDT 2d, every effort was made to ensure that the differences in models did not unduly influence the contour shapes.

A comparison of the MIA 2015 and 2017 DNL contours is shown in **Figure 7**. Noise exposure areas of increase and decrease between the MIA DNL 2015 and DNL 2017 are depicted in **Figure 8**. **Table 4** compares the area coverage of 2015 and 2017 contours.

TABLE 4
DNL CONTOUR AREA COMPARISON

DNL	DNL Contour Area (Square Miles)		
	2015 Contour Area	2017 Contour Area	Difference
65 and greater	11.68	10.77	-0.91
70 and greater	4.75	4.26	-0.49
75 and greater	2.02	1.78	-0.24

SOURCE: AEDT 2b SP3, AEDT 2d, ESA 2016, ESA 2018.

As presented in Table 4, the 2017 DNL contours are slightly smaller than the 2015 DNL contours. There are several reasons for this difference. **Table 5** compares the aircraft operations during 2015 and 2017.

TABLE 5
AIRCRAFT OPERATIONS COMPARISON

Year	Departures		Arrivals		Total
	Day Departures	Night Departures	Day Arrivals	Night Arrivals	
2017	180,178	26,465	178,503	28,141	413,287
2015	179,180	27,277	175,072	31,385	412,915
Difference	+998	-812	3,431	-3,244	+372

SOURCE: MIA ANOMS Data, 2015; FAA Air Traffic Activity Data System, 2015; MIA ANOMS Data, 2017; FAA OPSNET Data, 2017; ESA, 2016; ESA, 2018

The number of total aircraft operations increased by 372 (approximately 0.09%) from 2015 to 2017. However, the nighttime operations decreased from 2015 to 2017. As described in Section 5.0 of this report, one nighttime operation is counted as 10 daytime operations for the DNL calculation. **Table 6** presents the aircraft operations in Table 5 translated to the DNL weighted operations (nighttime operations were multiplied by 10).

TABLE 6
AIRCRAFT OPERATIONS COMPARISON WITH NIGHTTIME WEIGHTED OPERATIONS

Year	Departures		Arrivals		Weighted Total
	Day Departures	Night Departures	Day Arrivals	Night Arrivals	
2017	180,178	264,650	178,503	281,410	904,741
2015	179,180	272,770	175,072	313,850	940,872
Difference	+998	-8,120	3,431	-32,440	-36,131

SOURCE: MIA ANOMS Data, 2015; FAA Air Traffic Activity Data System, 2015; MIA ANOMS Data, 2017; FAA OPSNET Data, 2017; ESA, 2016; ESA, 2018

The weighted total operation number in 2017 is 36,131 operations less than the 2015. This explains the smaller size noise contours in 2017.

Table 7 compares overall runway use between 2015 and 2017. As depicted in the table, the use of Runway 09 increased in 2017. This would be one of the reasons that the 2017 DNL contours are larger for both sides of Runway 09-27.

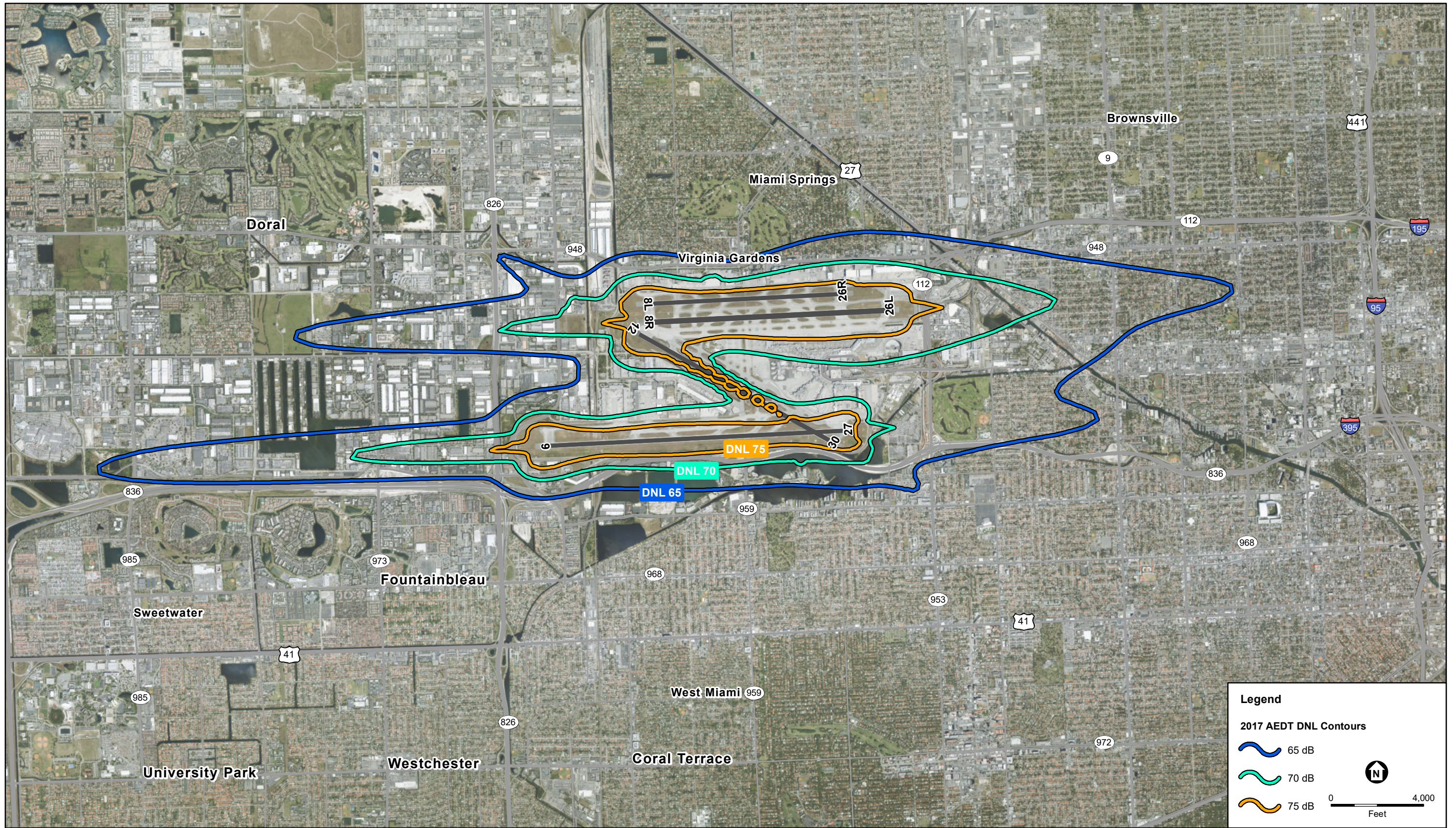
TABLE 7
OVERALL RUNWAY USE COMPARISON

Runway	2015	2017	Difference
09	21.11%	23.35%	2.24%
12	11.71%	11.04%	-0.67%
08L	10.57%	9.80%	-0.77%
08R	34.18%	34.75%	0.57%
27	5.57%	5.87%	0.30%
30	4.35%	4.01%	-0.34%
26L	7.34%	6.17%	-1.17%
26R	5.18%	5.00%	-0.18%
Total	100.00%	100.00%	

SOURCE: MIA ANOMS Data, 2015; FAA Air Traffic Activity Data System, 2015; MIA ANOMS Data, 2017; FAA OPSNET Data, 2017; ESA, 2016; ESA, 2018

Figure 9 presents the zoomed-in area east of Runway 09-27, where the 2017 noise contour is larger than the 2015 noise contour. This is due to differences in flight track locations between 2015 and 2017, as reflected in the 08RD1 flight track modification. As described in Section 7.0 of this report, the departure track of 08RD1 was adjusted slightly to reflect aircraft making an earlier right turn after departing Runway 08R. As a result, more aircraft departing from Runway 08R fly over this area in 2017, increasing the size of the contour.

This Page Intentionally Blank



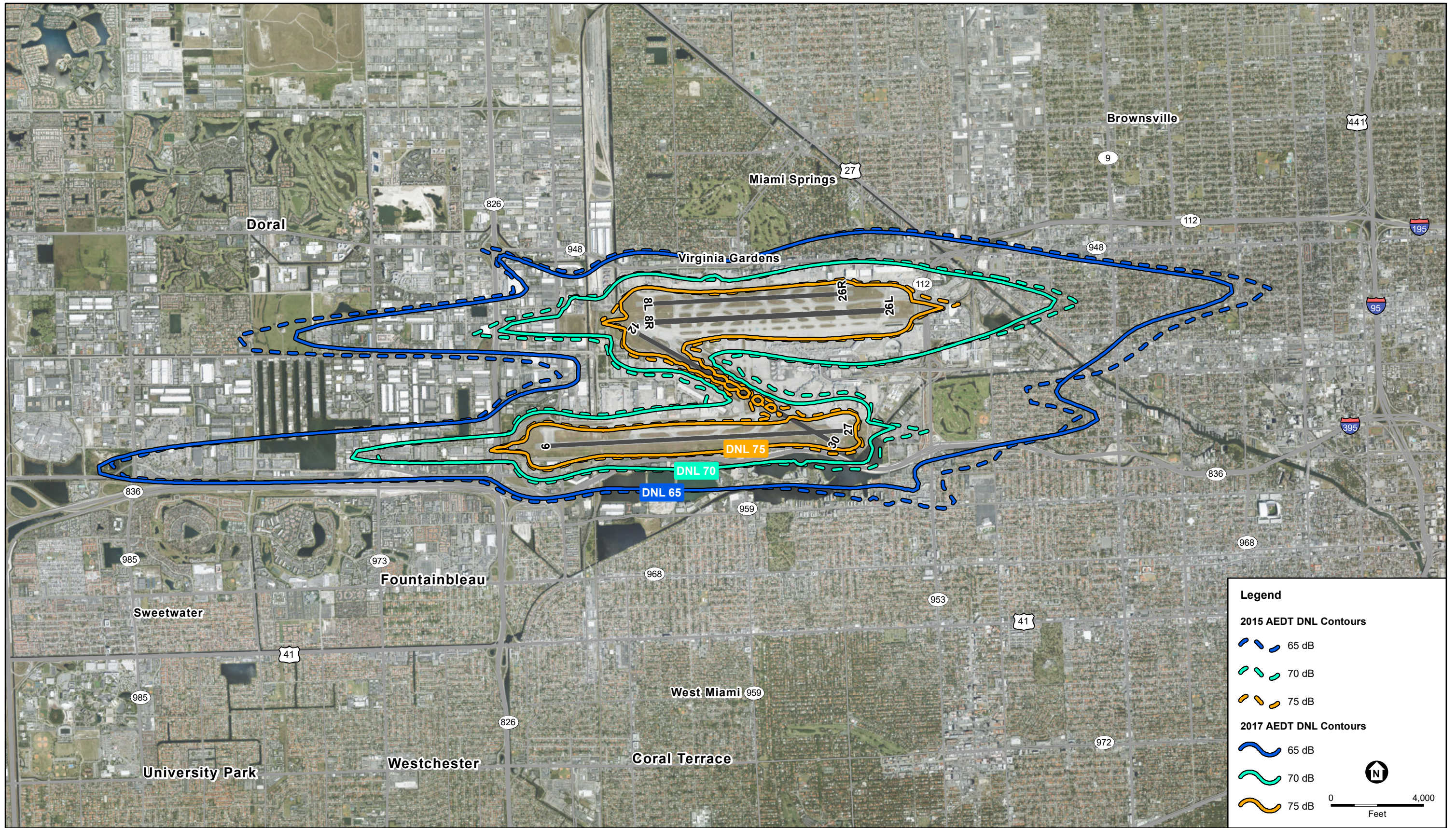
SOURCE: AEDT 2d; ESA, 2018; World Imagery (Aerial)
 AEDT = Aviation Environmental Design Tool.
 DNL = Day-Night Average Sound Level.
 dB = Decibel.

Miami International Airport Noise Contour Update . 170069.01

Figure 6
 2017 DNL Contours
 Miami International Airport



This Page Intentionally Blank



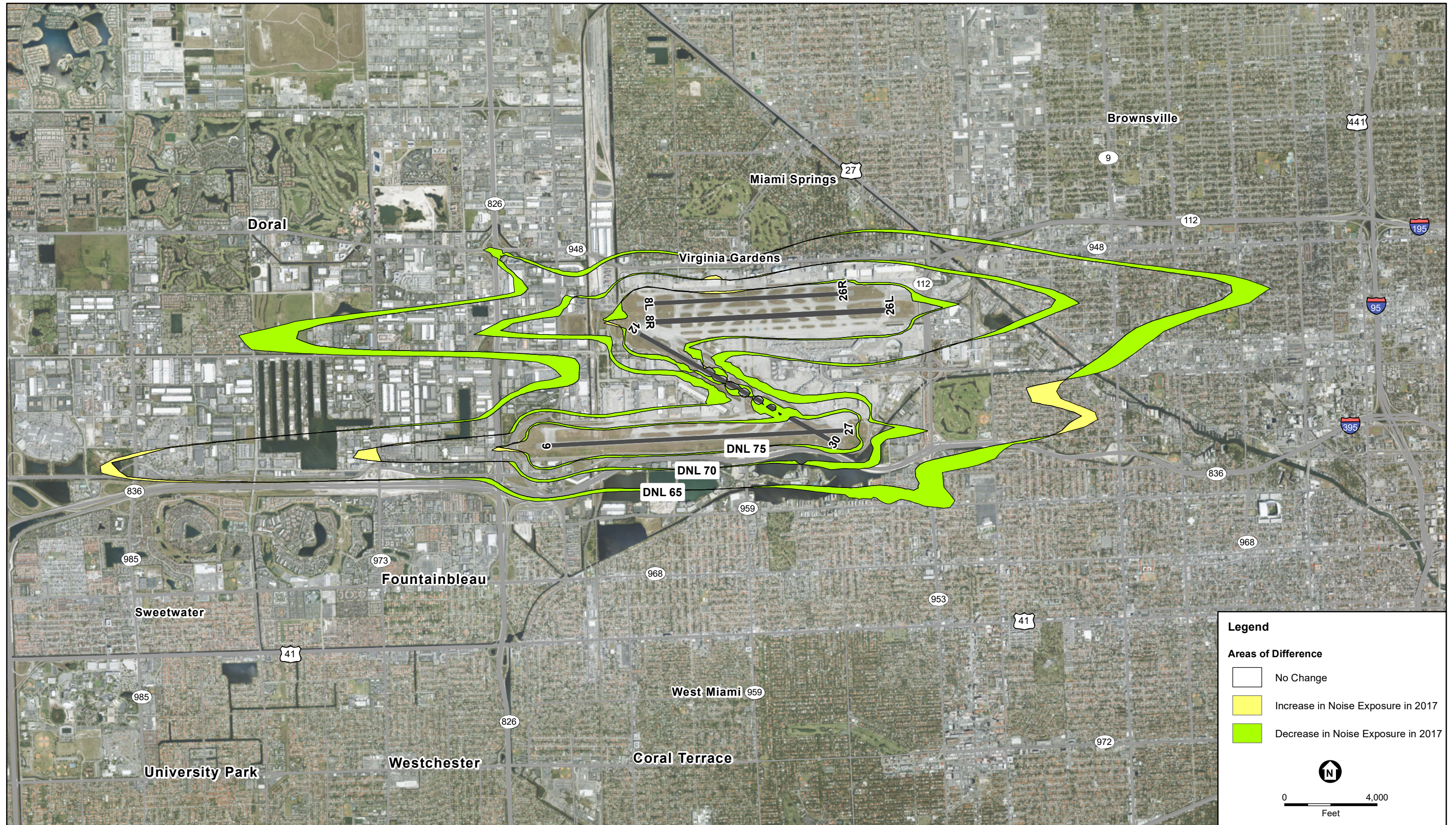
SOURCE: AEDT 2b SP3; AEDT 2d; ESA, 2018; World Imagery (Aerial)
 AEDT = Aviation Environmental Design Tool.
 DNL = Day-Night Average Sound Level.
 dB = Decibel.

Miami International Airport Noise Contour Update . 170069.01

Figure 7
 2015 and 2017 DNL Contours
 Miami International Airport



This Page Intentionally Blank



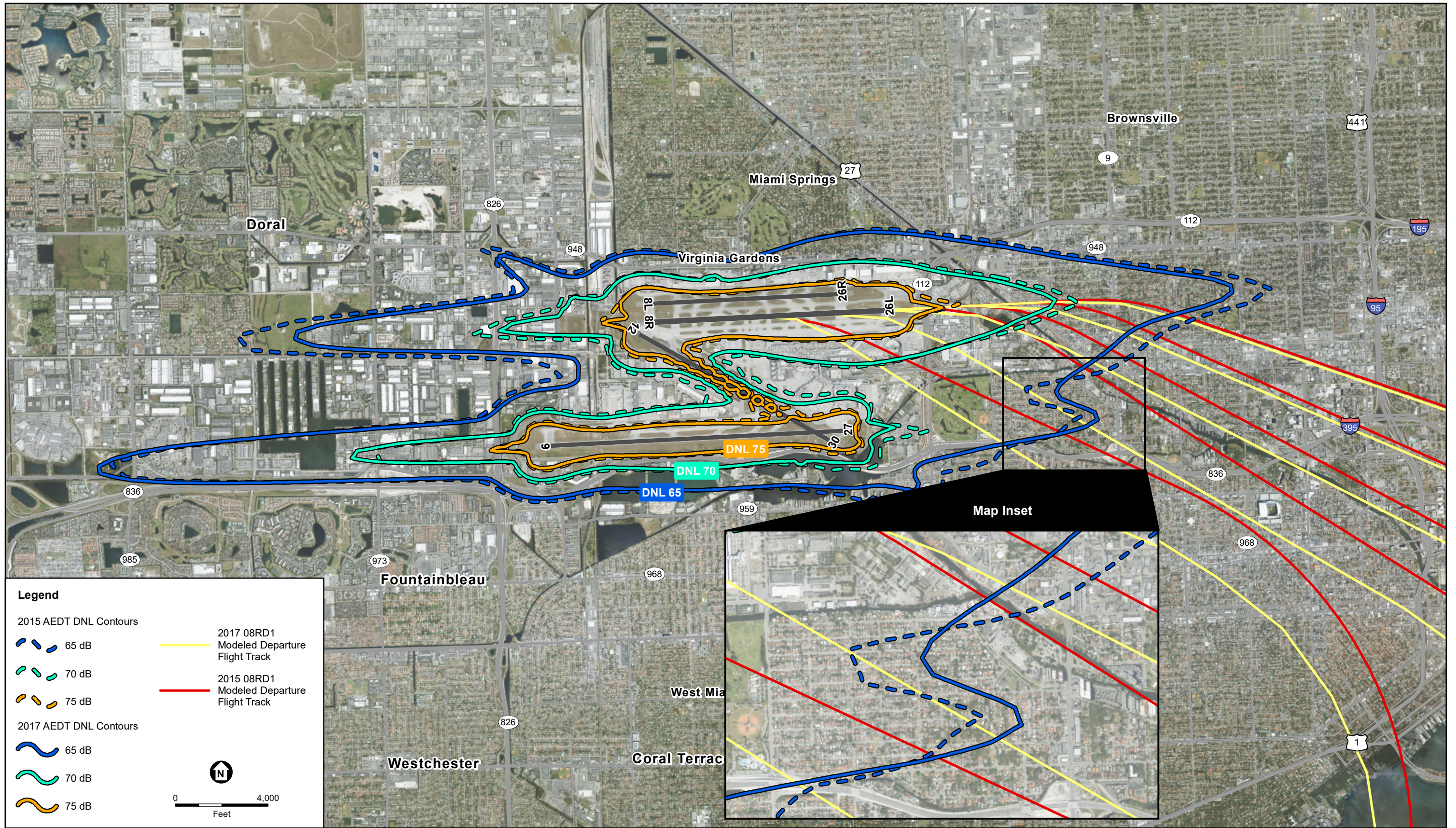
SOURCE: AEDT 2b SP3; AEDT 2d; ESA, 2018; World Imagery (Aerial)
 AEDT = Aviation Environmental Design Tool.
 DNL = Day-Night Average Sound Level.
 dB = Decibel.

Miami International Airport Noise Contour Update . 170069.01

Figure 8
 Differences in Noise Exposure -- 2015 versus 2017 DNL Contours
 Miami International Airport



This Page Intentionally Blank

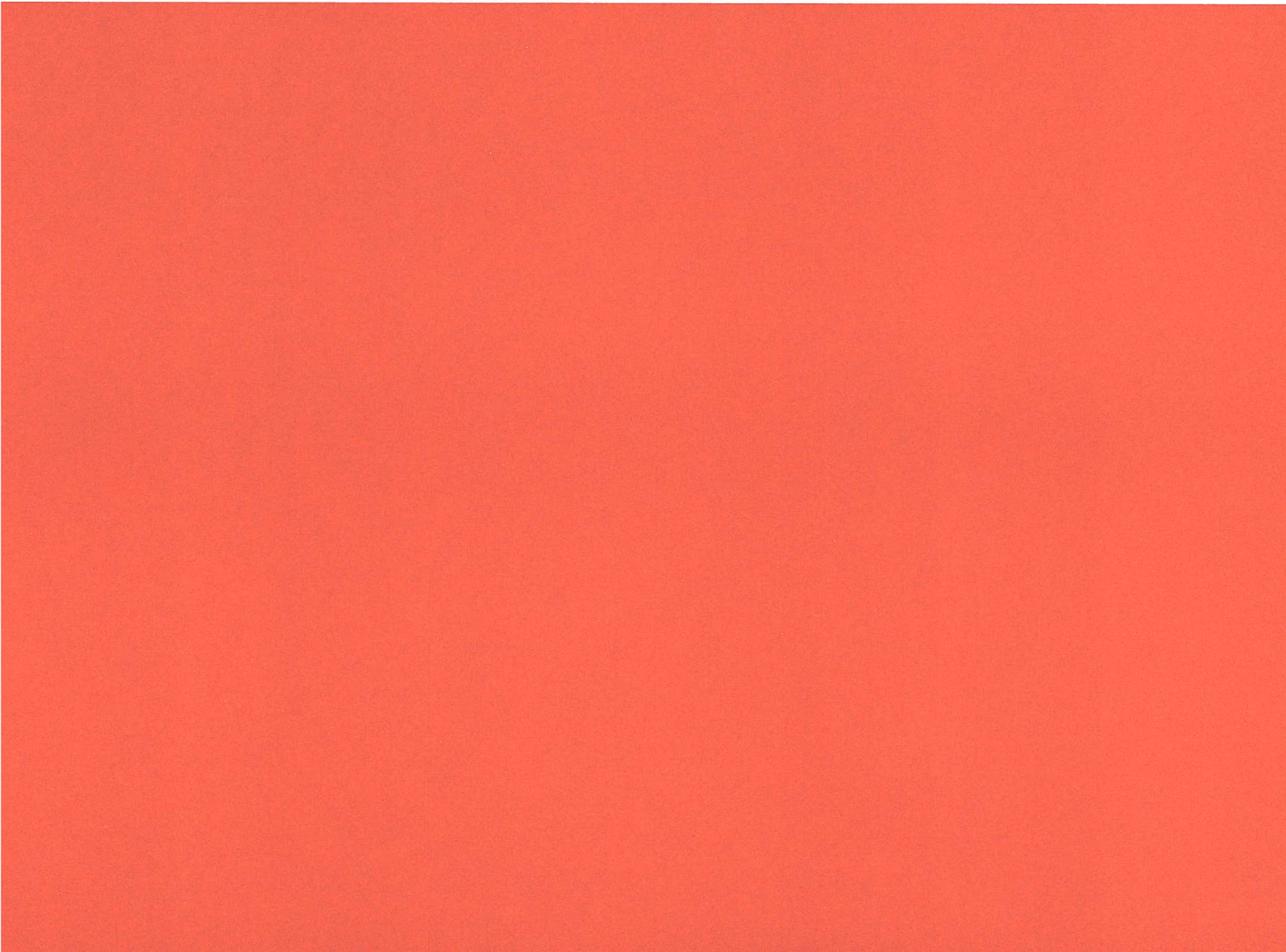


SOURCE: AEDT 2b SP3; AEDT 2d; ESA, 2018; World Imagery (Aerial)
 AEDT = Aviation Environmental Design Tool.
 DNL = Day-Night Average Sound Level.
 dB = Decibel.

Miami International Airport Noise Contour Update . 170069.01

Figure 9
 2015 and 2017 DNL Contours and 2015 and 2017 08RD1 Modeled Flight Track Modification
 Miami International Airport

This Page Intentionally Blank



APPENDIX A

Operations Information

This Page Intentionally Blank

2017 MIA NOISE CONTOUR UPDATE

- Appendix A-1 2017 Total Operations and Stage Length Percentages
- Appendix A-2 2017 Operations Time of Day Percentages
- Appendix A-3 2017 Day Departure Runway Use Percentages
- Appendix A-4 2017 Night Departure Runway Use Percentages
- Appendix A-5 2017 Day Arrival Runway Use Percentages
- Appendix A-6 2017 Night Arrival Runway Use Percentages
- Appendix A-7 2017 Flight Track Utilization
- Appendix A-8 2017 Flight Track Dispersion Percentages

APPENDIX A-1

2017 Total Operations and Stage Length Percentages

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total	
				1	2	3	4	5	6	7	8	9		
1985 1-ENG COMP	TIO540	NONE	108.66	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A300F4-600 Series	1PW048	NONE	396.76	2.12%	95.24%	2.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A300F4-600 Series	2GE039	NONE	1219.17	0.67%	82.02%	17.31%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A310-200 Series Freighter	5PW074	NONE	2.99	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A318-100 Series	7CM048	NONE	338.94	0.00%	42.26%	57.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A319-100 Series	1CM008	NONE	39939.69	14.67%	51.66%	30.22%	3.43%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A320-200 Series	11A003	NONE	5315.32	13.36%	51.98%	34.55%	0.12%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A320-200 Series	3CM026	NONE	13730.92	9.08%	47.91%	38.32%	4.69%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A320-NEO	17CM082	NONE	662.92	0.34%	48.14%	38.64%	12.88%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A321-100 Series	2CM012	NONE	25773.13	2.23%	44.71%	19.85%	33.14%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A330-200 Series	2RR022	NONE	9180.20	0.02%	7.87%	28.76%	18.95%	0.00%	40.43%	3.97%	0.00%	0.00%	0.00%	100%
Airbus A330-200 Series	3GE057	NONE	1602.97	0.12%	0.00%	0.00%	0.00%	0.00%	99.88%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A330-300 Series	2RR022	NONE	2147.26	0.00%	3.15%	0.00%	0.09%	7.77%	88.34%	0.65%	0.00%	0.00%	0.00%	100%
Airbus A330-300 Series	3GE057	NONE	1526.21	0.00%	0.26%	0.00%	0.00%	0.00%	99.74%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A340-300 Series	3CM020	NONE	506.41	0.00%	0.00%	72.37%	0.00%	0.00%	27.63%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A340-600 Series	6RR041	NONE	295.07	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A350-900 series	14RR071	NONE	222.30	0.00%	0.00%	0.00%	0.00%	0.00%	9.91%	90.09%	0.00%	0.00%	0.00%	100%
Airbus A380-800 Series/Trent 970	8RR046	NONE	1117.49	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%
Airbus A380-800 Series/Trent 970	9EA001	NONE	272.15	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100%
Antonov 12 Cub	AI24VT	NONE	5.98	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Antonov 124 Ruslan	4RR036	NONE	7.97	0.00%	75.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ATR 42-200	PW120	NONE	2.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ATR 42-300	PW120	NONE	339.93	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ATR 42-600	BIZHEAVYPROP_F	NONE	82.74	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ATR 72-200	BIZHEAVYPROP	NONE	170.47	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
ATR 72-600	PW127F	NONE	196.38	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total	
				1	2	3	4	5	6	7	8	9		
BAE Jetstream 32	TPE12	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 707-300 Series	1CM001	NONE	8.40	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100%
Boeing 717-200 Series	4BR002	NONE	1465.40	0.14%	99.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 727-100 Series	1PW010	JT8D-7	1.99	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 727-200 Series	1PW009	FDX	341.93	1.74%	66.28%	31.98%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-200 Series	1PW009	AVA	86.73	77.27%	20.45%	0.00%	2.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-300 Series	CFM563	NONE	3333.54	60.64%	22.18%	5.78%	11.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-400 Series	CFM563	NONE	2879.96	46.11%	19.65%	32.88%	1.36%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-500 Series	8GE107	NONE	1638.86	99.76%	0.00%	0.00%	0.24%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-600 Series	1CM007	NONE	171.46	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-700 Series	1CM007	NONE	2237.98	5.94%	21.60%	70.75%	0.81%	0.81%	0.09%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-800 MAX	17CM083	NONE	251.21	0.00%	98.99%	1.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-800 Series	1CM007	NONE	101958.10	16.74%	50.63%	25.10%	7.37%	0.15%	0.01%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 737-900 Series	3CM029	NONE	3600.70	0.46%	72.02%	26.55%	0.97%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 747-200 Series Freighter	3GE077	NONE	3.99	50.00%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 747-400 ER	1GE024	NONE	5518.68	1.19%	22.37%	18.48%	12.23%	3.83%	41.86%	0.00%	0.04%	0.00%	0.00%	100%
Boeing 747-400 Series Freighter	1GE024	NONE	5.98	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
7478	2GE045	NONE	1957.86	0.31%	30.12%	4.71%	13.63%	5.64%	45.59%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 757-200 Series	1RR012	NONE	18876.77	9.82%	47.88%	20.58%	13.97%	7.74%	0.00%	0.01%	0.00%	0.00%	0.00%	100%
Boeing 757-200 Series	4PW072	NONE	2713.49	3.07%	72.19%	23.27%	1.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 757-300 Series	2GE054	NONE	21.93	11.11%	44.44%	22.22%	22.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 767-200 Series	1GE010	NONE	4392.22	5.04%	46.04%	43.07%	5.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 767-200 Series	1PW032	NONE	413.70	70.76%	28.65%	0.00%	0.00%	0.00%	0.58%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 767-300 ER	1GE012	NONE	27181.71	4.70%	35.53%	18.68%	16.46%	5.75%	17.31%	1.57%	0.00%	0.00%	0.00%	100%
Boeing 767-400	8GE101	NONE	9.97	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing 777-200 Series	7GE097	NONE	7883.27	0.05%	17.15%	0.36%	0.23%	0.00%	81.35%	0.20%	0.66%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total
				1	2	3	4	5	6	7	8	9	
Boeing 777-200-LR	7GE097	NONE	1312.88	0.15%	16.62%	1.07%	8.69%	10.98%	57.93%	4.57%	0.00%	0.00%	100%
Boeing 777-300 ER	7GE099	NONE	6148.71	0.06%	1.07%	0.16%	9.50%	0.00%	72.37%	9.50%	0.03%	7.30%	100%
Boeing 777-300 Series	7GE097	NONE	30.90	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100%
B787-8R	2GE048	NONE	1254.07	1.59%	0.00%	18.63%	0.00%	0.00%	79.78%	0.00%	0.00%	0.00%	100%
Boeing 787-900 Dreamliner	11GE138	NONE	2055.55	5.70%	5.12%	0.68%	0.00%	0.00%	88.50%	0.00%	0.00%	0.00%	100%
Boeing C-17A	F1171	NONE	25.21	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing DC-3	R1820	R1820-86	230.28	46.96%	0.87%	52.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing DC-8 Series 70	1CM001	NONE	26.92	15.38%	23.08%	46.15%	15.38%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing DC-9-10 Series	1PW004	ABS	5.98	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing KC-135 Stratotanker	J57P42	NONE	4.20	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-10-1 Freighter	1GE001	NONE	623.05	0.45%	99.11%	0.00%	0.45%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-10-30	1GE007	NONE	1391.63	0.90%	48.46%	38.85%	0.00%	11.41%	0.38%	0.00%	0.00%	0.00%	100%
Boeing MD-11	12PW101	NONE	526.35	2.17%	30.43%	39.57%	19.13%	4.35%	4.35%	0.00%	0.00%	0.00%	100%
Boeing MD-11	1GE020	NONE	1002.85	4.40%	53.54%	19.31%	7.65%	7.07%	8.03%	0.00%	0.00%	0.00%	100%
Boeing MD-81	1PW017	NONE	5.98	66.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-82	1PW017	NONE	574.20	17.92%	76.87%	5.21%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-83	4PW068	NONE	2034.62	8.28%	48.06%	43.47%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-87	1PW017	NONE	10.97	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-88	1PW017	NONE	6427.83	9.90%	90.03%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boeing MD-90	11A004	NONE	2101.41	0.19%	78.14%	21.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Boelkow BO-105	250B17	NONE	41.87	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Challenger 300	8HN001	NONE	2432.37	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Challenger 600	1GE034	NONE	1202.23	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier CRJ-100	1GE035	NONE	2.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier CRJ-200	5GE084	NONE	51.84	41.67%	37.50%	20.83%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier CRJ-700	5GE084	NONE	124.61	8.20%	90.16%	1.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total
				1	2	3	4	5	6	7	8	9	
Bombardier CRJ-900	6GE092	NONE	31.90	12.50%	87.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier de Havilland Dash 8 Q200	BIZHEAVYPROP_F	NONE_GNR_VAR1	1.00	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Global 5000 Business	4BR009	NONE	927.09	31.58%	29.82%	14.25%	8.33%	0.88%	11.84%	3.29%	0.00%	0.00%	100%
Bombardier Global Express	4BR008	NONE	547.28	27.55%	47.92%	7.92%	13.21%	0.38%	3.02%	0.00%	0.00%	0.00%	100%
Bombardier Learjet 25	CJ6106	NONE	2.10	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Learjet 31	1AS001	NONE	62.80	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Learjet 35	1AS001	NONE	697.81	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Learjet 45	BIZMEDIUMJET_F	NONE	707.78	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Learjet 55	1AS002	NONE	469.53	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bombardier Learjet 60	BIZMEDIUMJET_F	NONE	726.72	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Britten-Norman BN-2 Islander	TIO540	NONE	47.85	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
CASA 212-100 Series	PT6A28	NONE	5.98	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
CASA CN-235-100	CT7-5	NONE	27.91	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 150 Series	O200	NONE	11.96	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 172 Skyhawk	O320	NONE	139.56	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 182	IO360	NONE	160.50	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 206	TIO540	IO-540-AC	50.84	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 208 Caravan	PT6A14	NONE	1194.25	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 210 Centurion	TIO540	NONE	18.94	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 310	TIO540	NONE	48.85	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 340	TIO540	NONE	141.56	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 402	TIO540	NONE	158.50	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 404 Titan II	TIO540	NONE	268.16	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 414	TIO540	NONE	110.65	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 421 Golden Eagle	TIO540	NONE	23.92	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 441 Conquest II	TPE10	NONE	20.93	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total	
				1	2	3	4	5	6	7	8	9		
Cessna 500 Citation I	BIZLIGHTJET_F	NONE	18.94	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 501 Citation ISP	1PW035	NONE	31.90	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 525A CitationJet	BIZLIGHTJET_F	NONE	145.54	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 525B CitationJet	BIZLIGHTJET_F	NONE	212.33	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 525C CitationJet	BIZLIGHTJET	NONE	236.26	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 550 Citation II	BIZLIGHTJET_F	NONE	419.68	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 560 Citation Excel	1PW037	NONE	593.14	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 560 Citation XLS	BIZLIGHTJET_F	NONE	1922.97	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 650 Citation III	TFE731	NONE	100.68	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 680 Citation Sovereign	BIZLIGHTJET_F	NONE	1441.48	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cessna 750 Citation X	4AL003	NONE	1013.82	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
CESSNA CITATION 510	BIZLIGHTJET_F	NONE	58.82	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cirrus SR20	IO360	NONE	20.93	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Cirrus SR22	TIO540	NONE	380.81	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Convair CV-240/T-29	R1820	NONE	1438.49	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Convair CV-580	250B17	NONE	7.97	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dassault Falcon 10	1RR020	NONE	10.97	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dassault Falcon 2000	CF700D	NONE	989.89	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dassault Falcon 20-C	CF700D	NONE	34.89	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dassault Falcon 50	16PW114	NONE	143.55	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dassault Falcon 900	TFE731	NONE	377.81	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dornier 328 Jet	1TL004	NONE	5.98	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Dornier 328-100 Series	PW119B	NONE	97.69	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
EADS Socata TBM-700	PT6A60	NONE	15.95	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Eclipse 500 / PW610F	BIZLIGHTJET_F	NONE	38.88	78.95%	21.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer EMB120 Brasilia	PW118	NONE	3.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total
				1	2	3	4	5	6	7	8	9	
Embraer ERJ135	6AL012	NONE	165.48	48.78%	34.15%	9.76%	7.32%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer ERJ145	4AL003	NONE	17147.20	51.00%	48.98%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer ERJ170	8GE107	NONE	26322.41	38.20%	50.80%	11.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer ERJ175	6GE094	NONE	12894.54	46.40%	48.26%	5.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer ERJ190	XCF10E	NONE	1393.63	2.30%	96.55%	0.29%	0.86%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer Legacy 450 (EMB-545)	14HN007	NONE	104.67	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Embraer Legacy 500 (EMB-550)	14HN008	NONE	1640.85	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
EPIC LT/Dynasty	PT667A	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Fairchild SA-226-T Merlin III	TPE10	NONE	143.55	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Fairchild SA-227-AC Metro III	PT6A45	NONE	421.68	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Falcon 7X	8PW090	NONE	270.15	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Falcon 8X	15PW109	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
GULFSTREAM AEROSPACE Gulfstream G650	11BR011	NONE	251.21	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream G150	BIZMEDIUMJET_F	NONE	164.48	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream G200	7PW077	NONE	400.74	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream G280	11HN005	NONE	181.43	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream G300	F1131	NONE	1.00	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream G450	6RR042	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream II-B	1RR016	NONE	41.87	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream IV-SP	6RR042	NONE	1477.36	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Gulfstream V-SP	3BR001	NONE	1957.69	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Hawker HS-125 Series 700	BIZMEDIUMJET_F	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Honda HA-420 Hondajet	BIZLIGHTJET_F	NONE	133.58	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Ilyushin 76 Candid	1AA001	NONE	5.98	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Israel IAI-1124 Westwind I	CJ6106	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Israel IAI-1125 Astra	TFE731	NONE	92.71	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total
				1	2	3	4	5	6	7	8	9	
Lancair 360	IO360	NONE	7.97	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Lockheed C-130 Hercules	T56A7	T56-A-7	69.32	13.33%	86.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Lockheed Martin F-16 Fighting Falcon	F1101	NONE	2.10	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Lockheed P-3 Orion ANP:P3A	T56A14	T56-A-14	4.20	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Maule MT-7-235	250B17	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Mitsubishi MU-2	TPE6	NONE	4.98	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Mitsubishi MU-300 Diamond	1PW036	NONE	5.98	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Mooney M20-K	TSIO36	NONE	41.87	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Partenavia P.68 Victor	IO360	NONE	84.73	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piaggio P.180 Avanti	PT6A66	NONE	59.81	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Pilatus PC-12	PT6A67	NONE	376.82	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-23 Apache/Aztec	TIO540	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-27 Aztec	TIO540	NONE	69.78	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-28 Cherokee Series	IO320	O-320-D3G	102.68	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-30 Twin Comanche	IO320	NONE	52.83	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-31 Navajo	TIO540	NONE	225.29	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-31T Cheyenne	P6135A	NONE	13.96	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-32 Cherokee Six	TIO540	NONE	57.82	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-34 Seneca	IO360	NONE	52.83	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA-42 Cheyenne Series	PT6A11	NONE	12.96	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Piper PA46-TP Meridian	PT6A42	NONE	98.69	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aerostar PA-60	TIO540	NONE	32.90	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Quest Kodiak 100	PT6A34	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Beech 1900-C	PT6A6B	NONE	3.99	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Beech 55 Baron	TIO540	TS10-520-L	44.86	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Beech 99	P6135A	NONE	1.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total	
				1	2	3	4	5	6	7	8	9		
Raytheon Beech Baron 58	TIO540	NONE	255.20	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Beech Bonanza 36	TIO540	NONE	162.49	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Beechjet 400	BIZLIGHTJET_F	NONE	545.29	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Hawker 1000	7PW078	NONE	21.93	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Hawker 4000 Horizon	7PW079	NONE	18.94	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Hawker 800	BIZMEDIUMJET_F	NONE	1414.56	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon King Air 100	PT6A28	NONE	23.92	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon King Air 90	P6135A	NONE	160.50	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Premier I	BIZLIGHTJET_F	NONE	65.79	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Super King Air 200	PT6A42	NONE	497.44	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Raytheon Super King Air 300	PT660A	NONE	633.01	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Rockwell Commander 500	TIO540	NONE	7.97	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Rockwell Commander 690	TPE1	NONE	7.97	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Rockwell Sabreliner 65	CF700D	NONE	43.86	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Ryan Navion B	TIO540	NONE	1.00	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Saab 340-A	CT7-5	NONE	3179.03	46.53%	53.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Shorts 360-100 Series	PT6A6A	NONE	495.45	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
SOCATA TBM 850	PT6A66	NONE	16.95	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Aerospatiale SA-350D Astar (AS-350)	TPE3	NONE	37.88	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Agusta A-109	250B17	NONE	52.83	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bell 206B-3	250B17	NONE	161.49	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bell 214B-1	T400	NONE	152.52	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bell 407 / Rolls-Royce 250-C47B	250B17	NONE	179.44	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bell 427	TPE1	NONE	32.90	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Bell 430	250B17	NONE	53.83	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Eurocopter EC 120	PT6A27	NONE	3.99	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%

2017 Total Operations and Stage Length Percentages

AEDT Airframe	Engine Code	Engine Mod Code	Total Operations	Departure Stage Length Percentage									Grand Total	
				1	2	3	4	5	6	7	8	9		
Eurocopter EC-130	TPE3	NONE	34.89	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Eurocopter EC-155B1	T400	NONE	24.92	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Robinson R22B	IO320	NONE	13.96	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Robinson R44 Raven / Lycoming O-540-F1B5	TIO540	NONE	59.81	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Sikorsky S-76C	T70070	NONE	130.59	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
Grand Total			413287.00											

APPENDIX A-2

2017 Operations Time of Day Percentages

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
1985 1-ENG COMP	TIO540	NONE	84.31%	15.69%	100.00%	81.03%	18.97%	100.00%
Airbus A300F4-600 Series	1PW048	NONE	57.89%	42.11%	100.00%	61.90%	38.10%	100.00%
Airbus A300F4-600 Series	2GE039	NONE	51.43%	48.57%	100.00%	56.13%	43.87%	100.00%
Airbus A310-200 Series Freighter	5PW074	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Airbus A318-100 Series	7CM048	NONE	100.00%	0.00%	100.00%	98.81%	1.19%	100.00%
Airbus A319-100 Series	1CM008	NONE	92.91%	7.09%	100.00%	93.35%	6.65%	100.00%
Airbus A320-200 Series	11A003	NONE	85.48%	14.52%	100.00%	88.94%	11.06%	100.00%
Airbus A320-200 Series	3CM026	NONE	77.78%	22.22%	100.00%	91.15%	8.85%	100.00%
Airbus A320-NEO	17CM082	NONE	72.97%	27.03%	100.00%	89.15%	10.85%	100.00%
Airbus A321-100 Series	2CM012	NONE	83.57%	16.43%	100.00%	90.50%	9.50%	100.00%
Airbus A330-200 Series	2RR022	NONE	73.08%	26.92%	100.00%	82.06%	17.94%	100.00%
Airbus A330-200 Series	3GE057	NONE	97.51%	2.49%	100.00%	85.32%	14.68%	100.00%
Airbus A330-300 Series	2RR022	NONE	92.45%	7.55%	100.00%	99.17%	0.83%	100.00%
Airbus A330-300 Series	3GE057	NONE	98.04%	1.96%	100.00%	49.35%	50.65%	100.00%
Airbus A340-300 Series	3CM020	NONE	97.61%	2.39%	100.00%	95.72%	4.28%	100.00%
Airbus A340-600 Series	6RR041	NONE	99.32%	0.68%	100.00%	95.95%	4.05%	100.00%
Airbus A350-900 series	14RR071	NONE	96.43%	3.57%	100.00%	89.19%	10.81%	100.00%
Airbus A380-800 Series/Trent 970	8RR046	NONE	99.46%	0.54%	100.00%	89.26%	10.74%	100.00%
Airbus A380-800 Series/Trent 970	9EA001	NONE	97.79%	2.21%	100.00%	82.48%	17.52%	100.00%
Antonov 12 Cub	AI24VT	NONE	100.00%	0.00%	100.00%	66.67%	33.33%	100.00%
Antonov 124 Ruslan	4RR036	NONE	75.00%	25.00%	100.00%	50.00%	50.00%	100.00%
ATR 42-200	PW120	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
ATR 42-300	PW120	NONE	93.83%	6.17%	100.00%	99.44%	0.56%	100.00%
ATR 42-600	BIZHEAVYPROP_F	NONE	100.00%	0.00%	100.00%	92.50%	7.50%	100.00%
ATR 72-200	BIZHEAVYPROP	NONE	93.48%	6.52%	100.00%	97.47%	2.53%	100.00%
ATR 72-600	PW127F	NONE	96.00%	4.00%	100.00%	88.66%	11.34%	100.00%
BAE Jetstream 32	TPE12	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing 707-300 Series	1CM001	NONE	100.00%	0.00%	100.00%	50.00%	50.00%	100.00%
Boeing 717-200 Series	4BR002	NONE	88.30%	11.70%	100.00%	98.12%	1.88%	100.00%
Boeing 727-100 Series	1PW010	JT8D-7	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing 727-200 Series	1PW009	FDX	74.27%	25.73%	100.00%	54.07%	45.93%	100.00%
Boeing 737-200 Series	1PW009	AVA	90.70%	9.30%	100.00%	88.64%	11.36%	100.00%
Boeing 737-300 Series	CFM563	NONE	94.00%	6.00%	100.00%	90.70%	9.30%	100.00%
Boeing 737-400 Series	CFM563	NONE	82.92%	17.08%	100.00%	93.38%	6.62%	100.00%
Boeing 737-500 Series	8GE107	NONE	98.40%	1.60%	100.00%	95.54%	4.46%	100.00%
Boeing 737-600 Series	1CM007	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing 737-700 Series	1CM007	NONE	74.96%	25.04%	100.00%	88.57%	11.43%	100.00%
Boeing 737-800 MAX	17CM083	NONE	98.04%	1.96%	100.00%	100.00%	0.00%	100.00%
Boeing 737-800 Series	1CM007	NONE	90.49%	9.51%	100.00%	92.25%	7.75%	100.00%
Boeing 737-900 Series	3CM029	NONE	61.40%	38.60%	100.00%	75.17%	24.83%	100.00%
Boeing 747-200 Series Freighter	3GE077	NONE	50.00%	50.00%	100.00%	50.00%	50.00%	100.00%
Boeing 747-400 ER	1GE024	NONE	68.90%	31.10%	100.00%	63.77%	36.23%	100.00%
Boeing 747-400 Series Freighter	1GE024	NONE	33.33%	66.67%	100.00%	66.67%	33.33%	100.00%
7478	2GE045	NONE	48.79%	51.21%	100.00%	65.16%	34.84%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Boeing 757-200 Series	1RR012	NONE	86.26%	13.74%	100.00%	85.31%	14.69%	100.00%
Boeing 757-200 Series	4PW072	NONE	66.84%	33.16%	100.00%	81.39%	18.61%	100.00%
Boeing 757-300 Series	2GE054	NONE	53.85%	46.15%	100.00%	77.78%	22.22%	100.00%
Boeing 767-200 Series	1GE010	NONE	71.84%	28.16%	100.00%	63.23%	36.77%	100.00%
Boeing 767-200 Series	1PW032	NONE	49.59%	50.41%	100.00%	87.13%	12.87%	100.00%
Boeing 767-300 ER	1GE012	NONE	70.69%	29.31%	100.00%	64.95%	35.05%	100.00%
Boeing 767-400	8GE101	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing 777-200 Series	7GE097	NONE	63.21%	36.79%	100.00%	77.32%	22.68%	100.00%
Boeing 777-200-LR	7GE097	NONE	42.81%	57.19%	100.00%	39.33%	60.67%	100.00%
Boeing 777-300 ER	7GE099	NONE	66.75%	33.25%	100.00%	72.95%	27.05%	100.00%
Boeing 777-300 Series	7GE097	NONE	10.00%	90.00%	100.00%	100.00%	0.00%	100.00%
B787-8R	2GE048	NONE	96.03%	3.97%	100.00%	59.55%	40.45%	100.00%
Boeing 787-900 Dreamliner	11GE138	NONE	53.65%	46.35%	100.00%	73.72%	26.28%	100.00%
Boeing C-17A	F1171	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing DC-3	R1820	R1820-86	100.00%	0.00%	100.00%	99.13%	0.87%	100.00%
Boeing DC-8 Series 70	1CM001	NONE	57.14%	42.86%	100.00%	92.31%	7.69%	100.00%
Boeing DC-9-10 Series	1PW004	ABS	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing KC-135 Stratotanker	J57P42	NONE	100.00%	0.00%	100.00%	0.00%	100.00%	100.00%
Boeing MD-10-1 Freighter	1GE001	NONE	91.27%	8.73%	100.00%	80.36%	19.64%	100.00%
Boeing MD-10-30	1GE007	NONE	70.29%	29.71%	100.00%	67.05%	32.95%	100.00%
Boeing MD-11	12PW101	NONE	48.66%	51.34%	100.00%	66.96%	33.04%	100.00%
Boeing MD-11	1GE020	NONE	53.62%	46.38%	100.00%	74.38%	25.62%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Boeing MD-81	1PW017	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Boeing MD-82	1PW017	NONE	90.71%	9.29%	100.00%	85.67%	14.33%	100.00%
Boeing MD-83	4PW068	NONE	89.02%	10.98%	100.00%	87.44%	12.56%	100.00%
Boeing MD-87	1PW017	NONE	100.00%	0.00%	100.00%	88.89%	11.11%	100.00%
Boeing MD-88	1PW017	NONE	90.26%	9.74%	100.00%	94.13%	5.87%	100.00%
Boeing MD-90	11A004	NONE	89.58%	10.42%	100.00%	93.19%	6.81%	100.00%
Boelkow BO-105	250B17	NONE	46.43%	53.57%	100.00%	57.14%	42.86%	100.00%
Bombardier Challenger 300	8HN001	NONE	93.38%	6.62%	100.00%	94.51%	5.49%	100.00%
Bombardier Challenger 600	1GE034	NONE	85.48%	14.52%	100.00%	88.36%	11.64%	100.00%
Bombardier CRJ-100	1GE035	NONE	100.00%	0.00%	100.00%	0.00%	100.00%	100.00%
Bombardier CRJ-200	5GE084	NONE	89.29%	10.71%	100.00%	83.33%	16.67%	100.00%
Bombardier CRJ-700	5GE084	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Bombardier CRJ-900	6GE092	NONE	87.50%	12.50%	100.00%	93.75%	6.25%	100.00%
Bombardier de Havilland Dash 8 Q200	BIZHEAVYPROP_F	NONE_GNR_VAR1	0.00%	100.00%	100.00%	100.00%	0.00%	100.00%
Bombardier Global 5000 Business	4BR009	NONE	81.22%	18.78%	100.00%	89.69%	10.31%	100.00%
Bombardier Global Express	4BR008	NONE	84.86%	15.14%	100.00%	90.57%	9.43%	100.00%
Bombardier Learjet 25	CJ6106	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Bombardier Learjet 31	1AS001	NONE	74.19%	25.81%	100.00%	84.38%	15.63%	100.00%
Bombardier Learjet 35	1AS001	NONE	60.46%	39.54%	100.00%	63.82%	36.18%	100.00%
Bombardier Learjet 45	BIZMEDIUMJET_F	NONE	89.33%	10.67%	100.00%	94.07%	5.93%	100.00%
Bombardier Learjet 55	1AS002	NONE	68.38%	31.62%	100.00%	66.67%	33.33%	100.00%
Bombardier Learjet 60	BIZMEDIUMJET_F	NONE	89.95%	10.05%	100.00%	87.53%	12.47%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Britten-Norman BN-2 Islander	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
CASA 212-100 Series	PT6A28	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
CASA CN-235-100	CT7-5	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Cessna 150 Series	O200	NONE	100.00%	0.00%	100.00%	75.00%	25.00%	100.00%
Cessna 172 Skyhawk	O320	NONE	94.03%	5.97%	100.00%	89.04%	10.96%	100.00%
Cessna 182	IO360	NONE	98.75%	1.25%	100.00%	96.30%	3.70%	100.00%
Cessna 206	TIO540	IO-540-AC	85.00%	15.00%	100.00%	90.32%	9.68%	100.00%
Cessna 208 Caravan	PT6A14	NONE	98.99%	1.01%	100.00%	99.17%	0.83%	100.00%
Cessna 210 Centurion	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Cessna 310	TIO540	NONE	95.83%	4.17%	100.00%	96.00%	4.00%	100.00%
Cessna 340	TIO540	NONE	100.00%	0.00%	100.00%	93.06%	6.94%	100.00%
Cessna 402	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Cessna 404 Titan II	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Cessna 414	TIO540	NONE	96.67%	3.33%	100.00%	98.04%	1.96%	100.00%
Cessna 421 Golden Eagle	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Cessna 441 Conquest II	TPE10	NONE	100.00%	0.00%	100.00%	90.91%	9.09%	100.00%
Cessna 500 Citation I	BIZLIGHTJET_F	NONE	70.00%	30.00%	100.00%	55.56%	44.44%	100.00%
Cessna 501 Citation ISP	1PW035	NONE	58.82%	41.18%	100.00%	60.00%	40.00%	100.00%
Cessna 525A CitationJet	BIZLIGHTJET_F	NONE	95.83%	4.17%	100.00%	97.30%	2.70%	100.00%
Cessna 525B CitationJet	BIZLIGHTJET_F	NONE	98.15%	1.85%	100.00%	93.33%	6.67%	100.00%
Cessna 525C CitationJet	BIZLIGHTJET	NONE	86.55%	13.45%	100.00%	93.22%	6.78%	100.00%
Cessna 550 Citation II	BIZLIGHTJET_F	NONE	73.46%	26.54%	100.00%	79.05%	20.95%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Cessna 560 Citation Excel	1PW037	NONE	93.98%	6.02%	100.00%	94.26%	5.74%	100.00%
Cessna 560 Citation XLS	BIZLIGHTJET_F	NONE	94.66%	5.34%	100.00%	94.35%	5.65%	100.00%
Cessna 650 Citation III	TFE731	NONE	88.00%	12.00%	100.00%	92.16%	7.84%	100.00%
Cessna 680 Citation Sovereign	BIZLIGHTJET_F	NONE	95.08%	4.92%	100.00%	94.41%	5.59%	100.00%
Cessna 750 Citation X	4AL003	NONE	93.82%	6.18%	100.00%	96.59%	3.41%	100.00%
CESSNA CITATION 510	BIZLIGHTJET_F	NONE	93.10%	6.90%	100.00%	96.67%	3.33%	100.00%
Cirrus SR20	IO360	NONE	100.00%	0.00%	100.00%	90.00%	10.00%	100.00%
Cirrus SR22	TIO540	NONE	94.85%	5.15%	100.00%	95.21%	4.79%	100.00%
Convair CV-240/T-29	R1820	NONE	97.30%	2.70%	100.00%	99.73%	0.27%	100.00%
Convair CV-580	250B17	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Dassault Falcon 10	1RR020	NONE	100.00%	0.00%	100.00%	80.00%	20.00%	100.00%
Dassault Falcon 2000	CF700D	NONE	92.66%	7.34%	100.00%	93.05%	6.95%	100.00%
Dassault Falcon 20-C	CF700D	NONE	77.78%	22.22%	100.00%	70.59%	29.41%	100.00%
Dassault Falcon 50	16PW114	NONE	87.84%	12.16%	100.00%	91.43%	8.57%	100.00%
Dassault Falcon 900	TFE731	NONE	86.29%	13.71%	100.00%	89.56%	10.44%	100.00%
Dornier 328 Jet	1TL004	NONE	66.67%	33.33%	100.00%	66.67%	33.33%	100.00%
Dornier 328-100 Series	PW119B	NONE	93.88%	6.12%	100.00%	91.84%	8.16%	100.00%
EADS Socata TBM-700	PT6A60	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Eclipse 500 / PW610F	BIZLIGHTJET_F	NONE	90.00%	10.00%	100.00%	89.47%	10.53%	100.00%
Embraer EMB120 Brasilia	PW118	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Embraer ERJ135	6AL012	NONE	80.95%	19.05%	100.00%	92.68%	7.32%	100.00%
Embraer ERJ145	4AL003	NONE	98.90%	1.10%	100.00%	89.98%	10.02%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Embraer ERJ170	8GE107	NONE	98.55%	1.45%	100.00%	90.93%	9.07%	100.00%
Embraer ERJ175	6GE094	NONE	98.15%	1.85%	100.00%	92.24%	7.76%	100.00%
Embraer ERJ190	XCF10E	NONE	95.31%	4.69%	100.00%	95.25%	4.75%	100.00%
Embraer Legacy 450 (EMB-545)	14HN007	NONE	96.30%	3.70%	100.00%	98.04%	1.96%	100.00%
Embraer Legacy 500 (EMB-550)	14HN008	NONE	92.80%	7.20%	100.00%	94.10%	5.90%	100.00%
EPIC LT/Dynasty	PT667A	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Fairchild SA-226-T Merlin III	TPE10	NONE	71.43%	28.57%	100.00%	100.00%	0.00%	100.00%
Fairchild SA-227-AC Metro III	PT6A45	NONE	97.31%	2.69%	100.00%	98.77%	1.23%	100.00%
Falcon 7X	8PW090	NONE	81.48%	18.52%	100.00%	92.65%	7.35%	100.00%
Falcon 8X	15PW109	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
GULFSTREAM AEROSPACE Gulfstream G650	11BR011	NONE	80.45%	19.55%	100.00%	86.55%	13.45%	100.00%
Gulfstream G150	BIZMEDIUMJET_F	NONE	94.05%	5.95%	100.00%	93.83%	6.17%	100.00%
Gulfstream G200	7PW077	NONE	95.07%	4.93%	100.00%	92.96%	7.04%	100.00%
Gulfstream G280	11HN005	NONE	95.70%	4.30%	100.00%	93.26%	6.74%	100.00%
Gulfstream G300	F1131	NONE	100.00%	0.00%	100.00%	0.00%	100.00%	100.00%
Gulfstream G450	6RR042	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Gulfstream II-B	1RR016	NONE	75.00%	25.00%	100.00%	81.82%	18.18%	100.00%
Gulfstream IV-SP	6RR042	NONE	87.55%	12.45%	100.00%	90.68%	9.32%	100.00%
Gulfstream V-SP	3BR001	NONE	84.49%	15.51%	100.00%	87.77%	12.23%	100.00%
Hawker HS-125 Series 700	BIZMEDIUMJET_F	NONE	0.00%	100.00%	100.00%	100.00%	0.00%	100.00%
Honda HA-420 Hondajet	BIZLIGHTJET_F	NONE	86.76%	13.24%	100.00%	90.91%	9.09%	100.00%
Ilyushin 76 Candid	1AA001	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Israel IAI-1124 Westwind I	CJ6106	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Israel IAI-1125 Astra	TFE731	NONE	84.78%	15.22%	100.00%	82.98%	17.02%	100.00%
Lancair 360	IO360	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Lockheed C-130 Hercules	T56A7	T56-A-7	88.89%	11.11%	100.00%	86.67%	13.33%	100.00%
Lockheed Martin F-16 Fighting Falcon	F1101	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Lockheed P-3 Orion ANP:P3A	T56A14	T56-A-14	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Maule MT-7-235	250B17	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Mitsubishi MU-2	TPE6	NONE	33.33%	66.67%	100.00%	50.00%	50.00%	100.00%
Mitsubishi MU-300 Diamond	1PW036	NONE	66.67%	33.33%	100.00%	66.67%	33.33%	100.00%
Mooney M20-K	TSIO36	NONE	95.24%	4.76%	100.00%	100.00%	0.00%	100.00%
Partenavia P.68 Victor	IO360	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Piaggio P.180 Avanti	PT6A66	NONE	83.33%	16.67%	100.00%	83.33%	16.67%	100.00%
Pilatus PC-12	PT6A67	NONE	93.68%	6.32%	100.00%	92.55%	7.45%	100.00%
Piper PA-23 Apache/Aztec	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Piper PA-27 Aztec	TIO540	NONE	100.00%	0.00%	100.00%	94.29%	5.71%	100.00%
Piper PA-28 Cherokee Series	IO320	O-320-D3G	94.23%	5.77%	100.00%	78.43%	21.57%	100.00%
Piper PA-30 Twin Comanche	IO320	NONE	96.30%	3.70%	100.00%	92.31%	7.69%	100.00%
Piper PA-31 Navajo	TIO540	NONE	94.69%	5.31%	100.00%	92.92%	7.08%	100.00%
Piper PA-31T Cheyenne	P6135A	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Piper PA-32 Cherokee Six	TIO540	NONE	90.00%	10.00%	100.00%	82.14%	17.86%	100.00%
Piper PA-34 Seneca	IO360	NONE	96.30%	3.70%	100.00%	96.15%	3.85%	100.00%
Piper PA-42 Cheyenne Series	PT6A11	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Piper PA46-TP Meridian	PT6A42	NONE	100.00%	0.00%	100.00%	96.00%	4.00%	100.00%
Aerostar PA-60	TIO540	NONE	94.12%	5.88%	100.00%	62.50%	37.50%	100.00%
Quest Kodiak 100	PT6A34	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Raytheon Beech 1900-C	PT6A6B	NONE	50.00%	50.00%	100.00%	100.00%	0.00%	100.00%
Raytheon Beech 55 Baron	TIO540	TS10-520-L	91.30%	8.70%	100.00%	90.91%	9.09%	100.00%
Raytheon Beech 99	P6135A	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Raytheon Beech Baron 58	TIO540	NONE	89.06%	10.94%	100.00%	83.59%	16.41%	100.00%
Raytheon Beech Bonanza 36	TIO540	NONE	97.56%	2.44%	100.00%	95.06%	4.94%	100.00%
Raytheon Beechjet 400	BIZLIGHTJET_F	NONE	88.43%	11.57%	100.00%	92.11%	7.89%	100.00%
Raytheon Hawker 1000	7PW078	NONE	81.82%	18.18%	100.00%	100.00%	0.00%	100.00%
Raytheon Hawker 4000 Horizon	7PW079	NONE	70.00%	30.00%	100.00%	77.78%	22.22%	100.00%
Raytheon Hawker 800	BIZMEDIUMJET_F	NONE	87.73%	12.27%	100.00%	86.75%	13.25%	100.00%
Raytheon King Air 100	PT6A28	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Raytheon King Air 90	P6135A	NONE	90.24%	9.76%	100.00%	89.87%	10.13%	100.00%
Raytheon Premier I	BIZLIGHTJET_F	NONE	96.97%	3.03%	100.00%	100.00%	0.00%	100.00%
Raytheon Super King Air 200	PT6A42	NONE	88.35%	11.65%	100.00%	84.00%	16.00%	100.00%
Raytheon Super King Air 300	PT660A	NONE	95.53%	4.47%	100.00%	96.58%	3.42%	100.00%
Rockwell Commander 500	TIO540	NONE	0.00%	100.00%	100.00%	20.00%	80.00%	100.00%
Rockwell Commander 690	TPE1	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Rockwell Sabreliner 65	CF700D	NONE	69.57%	30.43%	100.00%	76.19%	23.81%	100.00%
Ryan Navion B	TIO540	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Saab 340-A	CT7-5	NONE	98.18%	1.82%	100.00%	98.50%	1.50%	100.00%

2017 Operations Time of Day Percentages

AEDT Airframe	Engine Code	Engine Mod Code	2017 Arrivals			2017 Departures		
			% Day	% Night	Total	%Day	%Night	Total
Shorts 360-100 Series	PT6A6A	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
SOCATA TBM 850	PT6A66	NONE	88.89%	11.11%	100.00%	100.00%	0.00%	100.00%
Aerospatiale SA-350D Astar (AS-350)	TPE3	NONE	95.24%	4.76%	100.00%	94.12%	5.88%	100.00%
Agusta A-109	250B17	NONE	96.43%	3.57%	100.00%	96.00%	4.00%	100.00%
Bell 206B-3	250B17	NONE	94.85%	5.15%	100.00%	93.85%	6.15%	100.00%
Bell 214B-1	T400	NONE	76.53%	23.47%	100.00%	70.91%	29.09%	100.00%
Bell 407 / Rolls-Royce 250-C47B	250B17	NONE	96.91%	3.09%	100.00%	97.59%	2.41%	100.00%
Bell 427	TPE1	NONE	94.44%	5.56%	100.00%	100.00%	0.00%	100.00%
Bell 430	250B17	NONE	96.30%	3.70%	100.00%	96.30%	3.70%	100.00%
Eurocopter EC 120	PT6A27	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Eurocopter EC-130	TPE3	NONE	95.00%	5.00%	100.00%	93.33%	6.67%	100.00%
Eurocopter EC-155B1	T400	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Robinson R22B	IO320	NONE	100.00%	0.00%	100.00%	100.00%	0.00%	100.00%
Robinson R44 Raven / Lycoming O-540-F1B5	TIO540	NONE	97.22%	2.78%	100.00%	91.67%	8.33%	100.00%
Sikorsky S-76C	T70070	NONE	79.25%	20.75%	100.00%	84.00%	16.00%	100.00%
Grand Total			86.4%	13.6%	100.00%	87.2%	12.8%	100.00%

APPENDIX A-3

2017 Day Departure Runway Use Percentages

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
1985 1-ENG COMP	TIO540	NONE	59.57%	0.00%	19.15%	14.89%	0.00%	0.00%	0.00%	6.38%	0.00%	100.00%
Airbus A300F4-600 Series	1PW048	NONE	0.00%	0.00%	70.94%	11.97%	0.00%	0.00%	2.56%	14.53%	0.00%	100.00%
Airbus A300F4-600 Series	2GE039	NONE	14.67%	0.90%	50.60%	9.28%	4.79%	0.30%	0.60%	18.86%	0.00%	100.00%
Airbus A310-200 Series Freighter	5PW074	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A318-100 Series	7CM048	NONE	0.00%	1.20%	0.00%	71.69%	27.11%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A319-100 Series	1CM008	NONE	0.07%	1.40%	0.44%	77.83%	9.34%	0.23%	10.61%	0.09%	0.00%	100.00%
Airbus A320-200 Series	11A003	NONE	0.09%	3.63%	0.35%	75.36%	19.38%	0.09%	1.08%	0.04%	0.00%	100.00%
Airbus A320-200 Series	3CM026	NONE	0.18%	2.60%	0.99%	76.06%	19.38%	0.11%	0.52%	0.16%	0.00%	100.00%
Airbus A320-NEO	17CM082	NONE	0.00%	1.52%	1.52%	73.38%	23.57%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A321-100 Series	2CM012	NONE	1.18%	0.41%	0.22%	77.75%	6.57%	0.08%	13.79%	0.01%	0.00%	100.00%
Airbus A330-200 Series	2RR022	NONE	22.28%	2.27%	0.26%	54.20%	20.30%	0.05%	0.58%	0.05%	0.00%	100.00%
Airbus A330-200 Series	3GE057	NONE	34.40%	2.48%	0.00%	45.04%	17.93%	0.15%	0.00%	0.00%	0.00%	100.00%
Airbus A330-300 Series	2RR022	NONE	5.50%	0.65%	0.19%	75.37%	18.10%	0.09%	0.09%	0.00%	0.00%	100.00%
Airbus A330-300 Series	3GE057	NONE	1.59%	0.26%	0.00%	79.89%	17.99%	0.00%	0.26%	0.00%	0.00%	100.00%
Airbus A340-300 Series	3CM020	NONE	0.81%	3.25%	0.00%	67.89%	28.05%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A340-600 Series	6RR041	NONE	33.80%	1.41%	0.00%	44.37%	20.42%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A350-900 series	14RR071	NONE	71.72%	4.04%	0.00%	10.10%	14.14%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	8RR046	NONE	80.08%	0.00%	0.00%	0.99%	18.93%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	9EA001	NONE	74.34%	0.88%	0.00%	0.00%	24.78%	0.00%	0.00%	0.00%	0.00%	100.00%
Antonov 12 Cub	AI24VT	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Antonov 124 Ruslan	4RR036	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
ATR 42-200	PW120	NONE	0.00%	2.81%	67.42%	6.18%	0.00%	0.00%	1.12%	22.47%	0.00%	100.00%
ATR 42-300	PW120	NONE	0.00%	2.81%	67.42%	6.18%	0.00%	0.00%	1.12%	22.47%	0.00%	100.00%
ATR 42-600	BIZHEAVYPROP_F	NONE	0.00%	24.32%	0.00%	64.86%	10.81%	0.00%	0.00%	0.00%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
ATR 72-200	BIZHEAVYPROP	NONE	0.00%	0.00%	77.92%	3.90%	0.00%	0.00%	0.00%	18.18%	0.00%	100.00%
ATR 72-600	PW127F	NONE	0.00%	8.14%	1.16%	68.60%	22.09%	0.00%	0.00%	0.00%	0.00%	100.00%
BAE Jetstream 32	TPE12	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Boeing 707-300 Series	1CM001	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 717-200 Series	4BR002	NONE	0.00%	0.15%	0.44%	80.12%	18.11%	0.00%	1.18%	0.00%	0.00%	100.00%
Boeing 727-100 Series	1PW010	JT8D-7	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 727-200 Series	1PW009	FDX	25.81%	5.38%	3.23%	48.39%	12.90%	0.00%	0.00%	4.30%	0.00%	100.00%
Boeing 737-200 Series	1PW009	AVA	0.00%	2.56%	10.26%	66.67%	20.51%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 737-300 Series	CFM563	NONE	14.00%	5.39%	0.79%	59.04%	20.12%	0.07%	0.46%	0.13%	0.00%	100.00%
Boeing 737-400 Series	CFM563	NONE	5.92%	3.87%	5.04%	64.79%	18.55%	0.07%	0.22%	1.53%	0.00%	100.00%
Boeing 737-500 Series	8GE107	NONE	0.38%	9.09%	0.51%	69.32%	20.58%	0.00%	0.13%	0.00%	0.00%	100.00%
Boeing 737-600 Series	1CM007	NONE	0.00%	0.00%	2.33%	73.26%	23.26%	0.00%	1.16%	0.00%	0.00%	100.00%
Boeing 737-700 Series	1CM007	NONE	0.20%	8.13%	6.10%	66.06%	17.58%	0.10%	0.71%	1.12%	0.00%	100.00%
Boeing 737-800 MAX	17CM083	NONE	0.00%	0.00%	0.00%	70.71%	9.09%	0.00%	20.20%	0.00%	0.00%	100.00%
Boeing 737-800 Series	1CM007	NONE	0.14%	1.52%	0.72%	76.65%	7.63%	0.25%	12.91%	0.18%	0.00%	100.00%
Boeing 737-900 Series	3CM029	NONE	0.08%	0.00%	0.46%	74.68%	23.26%	0.15%	1.37%	0.00%	0.00%	100.00%
Boeing 747-200 Series Freighter	3GE077	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 747-400 ER	1GE024	NONE	43.63%	0.68%	4.19%	31.01%	15.90%	0.00%	3.62%	0.96%	0.00%	100.00%
Boeing 747-400 Series Freighter	1GE024	NONE	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
7478	2GE045	NONE	60.22%	1.26%	0.00%	15.41%	17.14%	0.16%	5.66%	0.16%	0.00%	100.00%
Boeing 757-200 Series	1RR012	NONE	0.46%	0.64%	9.11%	69.61%	5.52%	0.44%	12.17%	2.06%	0.00%	100.00%
Boeing 757-200 Series	4PW072	NONE	14.30%	3.61%	16.34%	41.16%	14.30%	0.16%	0.86%	9.27%	0.00%	100.00%
Boeing 757-300 Series	2GE054	NONE	0.00%	0.00%	42.86%	14.29%	14.29%	0.00%	0.00%	28.57%	0.00%	100.00%
Boeing 767-200 Series	1GE010	NONE	55.16%	2.70%	2.21%	18.15%	20.50%	0.00%	0.78%	0.50%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boeing 767-200 Series	1PW032	NONE	44.97%	2.01%	4.70%	26.17%	19.46%	0.00%	0.67%	2.01%	0.00%	100.00%
Boeing 767-300 ER	1GE012	NONE	19.60%	1.92%	9.89%	47.49%	9.92%	0.47%	7.69%	3.03%	0.00%	100.00%
Boeing 767-400	8GE101	NONE	16.67%	0.00%	16.67%	50.00%	16.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 777-200 Series	7GE097	NONE	9.15%	0.79%	0.10%	68.83%	3.25%	0.46%	17.39%	0.03%	0.00%	100.00%
Boeing 777-200-LR	7GE097	NONE	69.38%	1.94%	0.00%	3.49%	25.19%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 777-300 ER	7GE099	NONE	12.32%	0.89%	0.04%	66.81%	12.76%	0.09%	7.09%	0.00%	0.00%	100.00%
Boeing 777-300 Series	7GE097	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
B787-8R	2GE048	NONE	4.28%	9.63%	0.00%	69.25%	16.84%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 787-900 Dreamliner	11GE138	NONE	2.75%	4.19%	0.00%	70.38%	22.28%	0.13%	0.26%	0.00%	0.00%	100.00%
Boeing C-17A	F1171	NONE	0.00%	0.00%	83.33%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing DC-3	R1820	R1820-86	0.00%	0.00%	75.44%	11.40%	0.00%	0.00%	0.88%	12.28%	0.00%	100.00%
Boeing DC-8 Series 70	1CM001	NONE	33.33%	8.33%	25.00%	8.33%	25.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing DC-9-10 Series	1PW004	ABS	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing KC-135 Stratotanker	J57P42	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing MD-10-1 Freighter	1GE001	NONE	0.00%	0.00%	71.67%	14.44%	0.00%	0.00%	0.56%	13.33%	0.00%	100.00%
Boeing MD-10-30	1GE007	NONE	28.11%	0.57%	39.58%	9.75%	6.69%	0.00%	1.72%	13.58%	0.00%	100.00%
Boeing MD-11	12PW101	NONE	7.14%	0.65%	31.82%	40.26%	0.00%	0.00%	15.58%	4.55%	0.00%	100.00%
Boeing MD-11	1GE020	NONE	19.28%	0.00%	36.76%	20.57%	3.60%	0.00%	8.48%	11.31%	0.00%	100.00%
Boeing MD-81	1PW017	NONE	0.00%	0.00%	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing MD-82	1PW017	NONE	0.38%	1.90%	14.83%	53.23%	20.15%	0.00%	0.38%	9.13%	0.00%	100.00%
Boeing MD-83	4PW068	NONE	0.00%	1.37%	13.91%	63.40%	16.99%	0.23%	0.57%	3.53%	0.00%	100.00%
Boeing MD-87	1PW017	NONE	0.00%	0.00%	12.50%	62.50%	12.50%	0.00%	0.00%	12.50%	0.00%	100.00%
Boeing MD-88	1PW017	NONE	0.03%	0.14%	0.07%	77.97%	21.04%	0.03%	0.72%	0.00%	0.00%	100.00%
Boeing MD-90	11A004	NONE	0.10%	0.10%	0.00%	77.57%	20.78%	0.10%	1.34%	0.00%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boelkow BO-105	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bombardier Challenger 300	8HN001	NONE	0.09%	0.18%	69.81%	5.63%	0.09%	0.00%	1.06%	23.15%	0.00%	100.00%
Bombardier Challenger 600	1GE034	NONE	0.00%	0.00%	70.99%	5.53%	0.00%	0.38%	0.19%	22.90%	0.00%	100.00%
Bombardier CRJ-100	1GE035	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier CRJ-200	5GE084	NONE	0.00%	0.00%	70.00%	15.00%	0.00%	0.00%	0.00%	15.00%	0.00%	100.00%
Bombardier CRJ-700	5GE084	NONE	1.64%	0.00%	11.48%	68.85%	18.03%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier CRJ-900	6GE092	NONE	0.00%	0.00%	0.00%	80.00%	20.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier de Havilland Dash 8 Q200	BIZHEAVYPROP_F	NONE_GNR_VAR1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier Global 5000 Business	4BR009	NONE	0.00%	0.00%	71.64%	8.56%	0.00%	0.00%	0.24%	19.56%	0.00%	100.00%
Bombardier Global Express	4BR008	NONE	0.00%	0.00%	70.42%	5.83%	0.00%	0.00%	0.83%	22.92%	0.00%	100.00%
Bombardier Learjet 25	CJ6106	NONE	0.00%	0.00%	68.57%	11.43%	0.00%	0.00%	0.00%	20.00%	0.00%	100.00%
Bombardier Learjet 31	1AS001	NONE	0.00%	0.00%	77.78%	11.11%	0.00%	0.00%	0.00%	11.11%	0.00%	100.00%
Bombardier Learjet 35	1AS001	NONE	0.00%	0.00%	66.07%	9.82%	0.00%	0.45%	6.25%	17.41%	0.00%	100.00%
Bombardier Learjet 45	BIZMEDIUMJET_F	NONE	0.00%	0.30%	69.07%	6.31%	0.00%	0.60%	1.20%	22.52%	0.00%	100.00%
Bombardier Learjet 55	1AS002	NONE	0.00%	0.00%	63.92%	12.66%	0.00%	0.63%	0.63%	22.15%	0.00%	100.00%
Bombardier Learjet 60	BIZMEDIUMJET_F	NONE	0.00%	0.00%	74.68%	6.96%	0.00%	0.00%	0.95%	17.41%	0.00%	100.00%
Britten-Norman BN-2 Islander	TIO540	NONE	0.00%	0.00%	62.50%	16.67%	0.00%	4.17%	0.00%	16.67%	0.00%	100.00%
CASA 212-100 Series	PT6A28	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
CASA CN-235-100	CT7-5	NONE	0.00%	7.14%	78.57%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	100.00%
Cessna 150 Series	O200	NONE	0.00%	0.00%	66.67%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 172 Skyhawk	O320	NONE	1.54%	9.23%	30.77%	27.69%	4.62%	1.54%	7.69%	16.92%	0.00%	100.00%
Cessna 182	IO360	NONE	0.00%	2.56%	64.10%	11.54%	1.28%	0.00%	3.85%	16.67%	0.00%	100.00%
Cessna 206	TIO540	IO-540-AC	0.00%	7.14%	50.00%	21.43%	14.29%	0.00%	0.00%	7.14%	0.00%	100.00%
Cessna 208 Caravan	PT6A14	NONE	0.17%	2.50%	60.57%	15.14%	0.17%	0.33%	3.66%	17.47%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Cessna 210 Centurion	TIO540	NONE	0.00%	0.00%	33.33%	11.11%	0.00%	0.00%	11.11%	44.44%	0.00%	100.00%
Cessna 310	TIO540	NONE	0.00%	0.00%	66.67%	8.33%	0.00%	4.17%	0.00%	20.83%	0.00%	100.00%
Cessna 340	TIO540	NONE	0.00%	1.49%	53.73%	7.46%	0.00%	0.00%	0.00%	37.31%	0.00%	100.00%
Cessna 402	TIO540	NONE	0.00%	1.27%	68.35%	5.06%	0.00%	0.00%	0.00%	25.32%	0.00%	100.00%
Cessna 404 Titan II	TIO540	NONE	0.00%	0.00%	62.77%	18.25%	0.00%	2.92%	0.00%	16.06%	0.00%	100.00%
Cessna 414	TIO540	NONE	0.00%	0.00%	68.00%	6.00%	0.00%	0.00%	0.00%	26.00%	0.00%	100.00%
Cessna 421 Golden Eagle	TIO540	NONE	0.00%	0.00%	50.00%	16.67%	0.00%	0.00%	0.00%	33.33%	0.00%	100.00%
Cessna 441 Conquest II	TPE10	NONE	0.00%	0.00%	90.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	100.00%
Cessna 500 Citation I	BIZLIGHTJET_F	NONE	0.00%	0.00%	60.00%	0.00%	0.00%	0.00%	20.00%	20.00%	0.00%	100.00%
Cessna 501 Citation ISP	1PW035	NONE	0.00%	0.00%	77.78%	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	100.00%
Cessna 525A CitationJet	BIZLIGHTJET_F	NONE	1.39%	1.39%	66.67%	9.72%	0.00%	0.00%	1.39%	19.44%	0.00%	100.00%
Cessna 525B CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	63.27%	13.27%	0.00%	0.00%	0.00%	23.47%	0.00%	100.00%
Cessna 525C CitationJet	BIZLIGHTJET	NONE	0.00%	0.00%	58.18%	6.36%	0.00%	0.91%	0.91%	33.64%	0.00%	100.00%
Cessna 550 Citation II	BIZLIGHTJET_F	NONE	0.00%	0.60%	66.27%	10.24%	0.00%	0.00%	1.20%	21.69%	0.00%	100.00%
Cessna 560 Citation Excel	1PW037	NONE	0.36%	0.00%	73.12%	4.30%	0.00%	0.72%	0.72%	20.79%	0.00%	100.00%
Cessna 560 Citation XLS	BIZLIGHTJET_F	NONE	0.00%	0.00%	70.73%	6.65%	0.11%	0.11%	0.89%	21.51%	0.00%	100.00%
Cessna 650 Citation III	TFE731	NONE	0.00%	2.13%	59.57%	10.64%	0.00%	4.26%	2.13%	21.28%	0.00%	100.00%
Cessna 680 Citation Sovereign	BIZLIGHTJET_F	NONE	0.00%	0.00%	70.37%	6.52%	0.00%	0.15%	0.59%	22.37%	0.00%	100.00%
Cessna 750 Citation X	4AL003	NONE	0.00%	0.00%	71.58%	6.43%	0.00%	0.21%	0.21%	21.58%	0.00%	100.00%
CESSNA CITATION 510	BIZLIGHTJET_F	NONE	0.00%	0.00%	72.41%	6.90%	0.00%	0.00%	0.00%	20.69%	0.00%	100.00%
Cirrus SR20	IO360	NONE	0.00%	0.00%	66.67%	11.11%	0.00%	0.00%	0.00%	22.22%	0.00%	100.00%
Cirrus SR22	TIO540	NONE	0.56%	0.00%	67.60%	9.50%	0.00%	0.56%	0.56%	21.23%	0.00%	100.00%
Conair CV-240/T-29	R1820	NONE	0.14%	2.85%	65.99%	9.08%	0.00%	0.00%	0.14%	21.82%	0.00%	100.00%
Conair CV-580	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Dassault Falcon 10	1RR020	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Dassault Falcon 2000	CF700D	NONE	0.00%	0.00%	69.89%	7.69%	0.00%	0.66%	0.66%	21.10%	0.00%	100.00%
Dassault Falcon 20-C	CF700D	NONE	8.33%	0.00%	83.33%	8.33%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dassault Falcon 50	16PW114	NONE	0.00%	0.00%	70.31%	9.38%	0.00%	0.00%	0.00%	20.31%	0.00%	100.00%
Dassault Falcon 900	TFE731	NONE	0.00%	0.00%	72.39%	10.43%	0.00%	0.00%	0.00%	17.18%	0.00%	100.00%
Dornier 328 Jet	1TL004	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dornier 328-100 Series	PW119B	NONE	0.00%	2.22%	2.22%	75.56%	6.67%	0.00%	13.33%	0.00%	0.00%	100.00%
EADS Socata TBM-700	PT6A60	NONE	0.00%	0.00%	75.00%	12.50%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Eclipse 500 / PW610F	BIZLIGHTJET_F	NONE	0.00%	0.00%	70.59%	5.88%	0.00%	0.00%	0.00%	23.53%	0.00%	100.00%
Embraer EMB120 Brasilia	PW118	NONE	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Embraer ERJ135	6AL012	NONE	0.00%	0.00%	61.84%	6.58%	0.00%	0.00%	3.95%	27.63%	0.00%	100.00%
Embraer ERJ145	4AL003	NONE	0.09%	0.11%	1.76%	77.88%	5.18%	1.48%	12.40%	1.09%	0.00%	100.00%
Embraer ERJ170	8GE107	NONE	0.04%	1.02%	0.46%	80.82%	9.72%	0.31%	7.59%	0.04%	0.00%	100.00%
Embraer ERJ175	6GE094	NONE	0.07%	2.05%	0.33%	72.18%	11.89%	0.78%	12.62%	0.07%	0.00%	100.00%
Embraer ERJ190	XCF10E	NONE	0.00%	3.02%	0.45%	75.68%	20.54%	0.00%	0.15%	0.15%	0.00%	100.00%
Embraer Legacy 450 (EMB-545)	14HN007	NONE	0.00%	0.00%	74.00%	6.00%	0.00%	0.00%	2.00%	18.00%	0.00%	100.00%
Embraer Legacy 500 (EMB-550)	14HN008	NONE	0.13%	0.00%	69.93%	6.54%	0.00%	0.00%	0.92%	22.48%	0.00%	100.00%
EPIC LT/Dynasty	PT667A	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Fairchild SA-226-T Merlin III	TPE10	NONE	0.00%	5.11%	56.20%	18.98%	0.73%	0.00%	2.92%	16.06%	0.00%	100.00%
Fairchild SA-227-AC Metro III	PT6A45	NONE	0.00%	3.73%	54.04%	16.15%	0.00%	1.24%	6.21%	18.63%	0.00%	100.00%
Falcon 7X	8PW090	NONE	0.00%	0.79%	70.63%	10.32%	0.00%	0.79%	0.00%	17.46%	0.00%	100.00%
Falcon 8X	15PW109	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
GULFSTREAM AEROSPACE Gulfstream G650	11BR011	NONE	0.00%	0.00%	64.08%	13.59%	0.00%	0.00%	0.97%	21.36%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Gulfstream G150	BIZMEDIUMJET_F	NONE	0.00%	0.00%	75.00%	5.26%	0.00%	1.32%	1.32%	17.11%	0.00%	100.00%
Gulfstream G200	7PW077	NONE	0.00%	0.00%	70.27%	9.73%	0.00%	0.00%	0.54%	19.46%	0.00%	100.00%
Gulfstream G280	11HN005	NONE	0.00%	0.00%	68.67%	9.64%	0.00%	0.00%	0.00%	21.69%	0.00%	100.00%
Gulfstream G300	F1131	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gulfstream G450	6RR042	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Gulfstream II-B	1RR016	NONE	0.00%	0.00%	77.78%	16.67%	0.00%	0.00%	0.00%	5.56%	0.00%	100.00%
Gulfstream IV-SP	6RR042	NONE	0.00%	0.00%	68.56%	8.28%	0.00%	0.31%	0.31%	22.55%	0.00%	100.00%
Gulfstream V-SP	3BR001	NONE	0.01%	2.47%	34.65%	42.46%	4.32%	0.06%	6.85%	9.18%	0.00%	100.00%
Hawker HS-125 Series 700	BIZMEDIUMJET_F	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Honda HA-420 Hondajet	BIZLIGHTJET_F	NONE	0.00%	0.00%	60.00%	10.00%	0.00%	0.00%	0.00%	30.00%	0.00%	100.00%
Ilyushin 76 Candid	1AA001	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Israel IAI-1124 Westwind I	CJ6106	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%
Israel IAI-1125 Astra	TFE731	NONE	0.00%	0.00%	64.10%	17.95%	0.00%	0.00%	0.00%	17.95%	0.00%	100.00%
Lancair 360	IO360	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Lockheed C-130 Hercules	T56A7	T56-A-7	0.00%	0.00%	69.23%	7.69%	0.00%	0.00%	0.00%	23.08%	0.00%	100.00%
Lockheed Martin F-16 Fighting Falcon	F1101	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Lockheed P-3 Orion ANP:P3A	T56A14	T56-A-14	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Maule MT-7-235	250B17	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mitsubishi MU-2	TPE6	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mitsubishi MU-300 Diamond	1PW036	NONE	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mooney M20-K	TSIO36	NONE	0.00%	0.00%	52.38%	33.33%	0.00%	0.00%	0.00%	14.29%	0.00%	100.00%
Partenavia P.68 Victor	IO360	NONE	0.00%	4.65%	58.14%	11.63%	0.00%	0.00%	4.65%	20.93%	0.00%	100.00%
Piaggio P.180 Avanti	PT6A66	NONE	0.00%	0.00%	68.00%	12.00%	0.00%	0.00%	4.00%	16.00%	0.00%	100.00%
Pilatus PC-12	PT6A67	NONE	0.00%	0.00%	70.69%	6.32%	0.00%	1.72%	2.30%	18.97%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Piper PA-23 Apache/Aztec	TIO540	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA-27 Aztec	TIO540	NONE	3.03%	0.00%	48.48%	18.18%	0.00%	0.00%	0.00%	30.30%	0.00%	100.00%
Piper PA-28 Cherokee Series	IO320	O-320-D3G	0.00%	2.50%	75.00%	0.00%	0.00%	0.00%	5.00%	17.50%	0.00%	100.00%
Piper PA-30 Twin Comanche	IO320	NONE	0.00%	0.00%	70.83%	16.67%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Piper PA-31 Navajo	TIO540	NONE	0.00%	0.00%	50.48%	23.81%	0.00%	0.95%	3.81%	20.95%	0.00%	100.00%
Piper PA-31T Cheyenne	P6135A	NONE	0.00%	0.00%	42.86%	28.57%	0.00%	0.00%	0.00%	28.57%	0.00%	100.00%
Piper PA-32 Cherokee Six	TIO540	NONE	0.00%	0.00%	60.87%	26.09%	0.00%	0.00%	0.00%	13.04%	0.00%	100.00%
Piper PA-34 Seneca	IO360	NONE	0.00%	0.00%	56.00%	24.00%	0.00%	0.00%	0.00%	20.00%	0.00%	100.00%
Piper PA-42 Cheyenne Series	PT6A11	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA46-TP Meridian	PT6A42	NONE	0.00%	0.00%	70.83%	10.42%	0.00%	2.08%	0.00%	16.67%	0.00%	100.00%
Aerostar PA-60	TIO540	NONE	0.00%	0.00%	70.00%	0.00%	0.00%	0.00%	0.00%	30.00%	0.00%	100.00%
Quest Kodiak 100	PT6A34	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech 1900-C	PT6A6B	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech 55 Baron	TIO540	TS10-520-L	0.00%	0.00%	65.00%	25.00%	0.00%	0.00%	5.00%	5.00%	0.00%	100.00%
Raytheon Beech 99	P6135A	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech Baron 58	TIO540	NONE	0.00%	3.74%	40.19%	33.64%	0.93%	1.87%	3.74%	15.89%	0.00%	100.00%
Raytheon Beech Bonanza 36	TIO540	NONE	0.00%	0.00%	67.53%	10.39%	1.30%	2.60%	0.00%	18.18%	0.00%	100.00%
Raytheon Beechjet 400	BIZLIGHTJET_F	NONE	0.00%	0.00%	73.15%	7.00%	0.00%	0.00%	0.39%	19.46%	0.00%	100.00%
Raytheon Hawker 1000	7PW078	NONE	0.00%	0.00%	72.73%	18.18%	0.00%	0.00%	0.00%	9.09%	0.00%	100.00%
Raytheon Hawker 4000 Horizon	7PW079	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Hawker 800	BIZMEDIUMJET_F	NONE	0.00%	0.00%	68.64%	8.21%	0.16%	0.00%	1.31%	21.67%	0.00%	100.00%
Raytheon King Air 100	PT6A28	NONE	0.00%	0.00%	75.00%	16.67%	0.00%	0.00%	0.00%	8.33%	0.00%	100.00%
Raytheon King Air 90	P6135A	NONE	0.00%	4.23%	49.30%	16.90%	0.00%	2.82%	1.41%	25.35%	0.00%	100.00%
Raytheon Premier I	BIZLIGHTJET_F	NONE	0.00%	0.00%	78.79%	3.03%	0.00%	0.00%	0.00%	18.18%	0.00%	100.00%

2017 Day Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Raytheon Super King Air 200	PT6A42	NONE	0.00%	1.90%	68.57%	11.43%	0.00%	1.43%	1.43%	15.24%	0.00%	100.00%
Raytheon Super King Air 300	PT660A	NONE	0.00%	0.32%	68.49%	6.43%	0.00%	0.00%	0.64%	24.12%	0.00%	100.00%
Rockwell Commander 500	TIO540	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Rockwell Commander 690	TPE1	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Rockwell Sabreliner 65	CF700D	NONE	0.00%	0.00%	43.75%	31.25%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Ryan Navion B	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Saab 340-A	CT7-5	NONE	0.00%	1.90%	63.43%	13.71%	2.41%	0.06%	0.95%	17.52%	0.00%	100.00%
Shorts 360-100 Series	PT6A6A	NONE	0.00%	0.00%	70.20%	8.16%	0.00%	0.00%	2.45%	19.18%	0.00%	100.00%
SOCATA TBM 850	PT6A66	NONE	0.00%	0.00%	87.50%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Aerospatiale SA-350D Astar (AS-350)	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Agusta A-109	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 206B-3	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 214B-1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 407 / Rolls-Royce 250-C47B	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 427	TPE1	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 430	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC 120	PT6A27	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC-130	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC-155B1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Robinson R22B	IO320	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Robinson R44 Raven / Lycoming O-540-F1B5	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Sikorsky S-76C	T70070	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Grand Total			4.06%	1.44%	8.40%	65.05%	9.52%	0.30%	8.47%	2.52%	0.24%	100.00%

Note: Aircraft with a total of 0% means there were no daytime departures recorded in 2017.

APPENDIX A-4

2017 Night Departure Runway Use Percentages

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
1985 1-ENG COMP	TIO540	NONE	63.64%	0.00%	9.09%	18.18%	0.00%	9.09%	0.00%	0.00%	0.00%	100.00%
Airbus A300F4-600 Series	1PW048	NONE	0.00%	0.00%	23.61%	63.89%	0.00%	0.00%	5.56%	6.94%	0.00%	100.00%
Airbus A300F4-600 Series	2GE039	NONE	22.22%	4.21%	13.79%	41.00%	4.60%	0.00%	10.34%	3.83%	0.00%	100.00%
Airbus A310-200 Series Freighter	5PW074	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Airbus A318-100 Series	7CM048	NONE	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A319-100 Series	1CM008	NONE	2.73%	1.14%	2.58%	73.33%	8.56%	0.23%	10.98%	0.45%	0.00%	100.00%
Airbus A320-200 Series	1IA003	NONE	3.47%	2.43%	9.38%	67.36%	13.54%	0.35%	3.47%	0.00%	0.00%	100.00%
Airbus A320-200 Series	3CM026	NONE	4.68%	0.84%	3.51%	68.56%	17.22%	0.33%	4.68%	0.17%	0.00%	100.00%
Airbus A320-NEO	17CM082	NONE	0.00%	0.00%	3.13%	71.88%	21.88%	0.00%	3.13%	0.00%	0.00%	100.00%
Airbus A321-100 Series	2CM012	NONE	2.69%	1.34%	3.44%	71.45%	6.80%	0.34%	13.69%	0.25%	0.00%	100.00%
Airbus A330-200 Series	2RR022	NONE	57.68%	1.57%	0.24%	17.65%	17.53%	0.24%	4.96%	0.12%	0.00%	100.00%
Airbus A330-200 Series	3GE057	NONE	16.95%	0.85%	0.85%	59.32%	20.34%	0.85%	0.85%	0.00%	0.00%	100.00%
Airbus A330-300 Series	2RR022	NONE	22.22%	11.11%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A330-300 Series	3GE057	NONE	8.25%	0.26%	0.00%	71.39%	19.07%	0.00%	1.03%	0.00%	0.00%	100.00%
Airbus A340-300 Series	3CM020	NONE	9.09%	0.00%	0.00%	90.91%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A340-600 Series	6RR041	NONE	0.00%	33.33%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A350-900 series	14RR071	NONE	16.67%	0.00%	0.00%	66.67%	16.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	8RR046	NONE	68.85%	0.00%	0.00%	6.56%	24.59%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	9EA001	NONE	75.00%	0.00%	0.00%	0.00%	20.83%	0.00%	4.17%	0.00%	0.00%	100.00%
Antonov 12 Cub	AI24VT	NONE	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Antonov 124 Ruslan	4RR036	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
ATR 42-200	PW120	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ATR 42-300	PW120	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
ATR 42-600	BIZHEAVYPROP_F	NONE	0.00%	0.00%	0.00%	66.67%	33.33%	0.00%	0.00%	0.00%	0.00%	100.00%
ATR 72-200	BIZHEAVYPROP	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
ATR 72-600	PW127F	NONE	0.00%	18.18%	0.00%	27.27%	45.45%	0.00%	9.09%	0.00%	0.00%	100.00%
BAE Jetstream 32	TPE12	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 707-300 Series	1CM001	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 717-200 Series	4BR002	NONE	0.00%	0.00%	0.00%	69.23%	23.08%	0.00%	7.69%	0.00%	0.00%	100.00%
Boeing 727-100 Series	1PW010	JT8D-7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 727-200 Series	1PW009	FDX	17.72%	5.06%	5.06%	48.10%	10.13%	1.27%	8.86%	3.80%	0.00%	100.00%
Boeing 737-200 Series	1PW009	AVA	20.00%	0.00%	40.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 737-300 Series	CFM563	NONE	35.26%	5.77%	0.00%	33.33%	19.23%	0.00%	6.41%	0.00%	0.00%	100.00%
Boeing 737-400 Series	CFM563	NONE	6.19%	1.03%	6.19%	69.07%	10.31%	0.00%	4.12%	3.09%	0.00%	100.00%
Boeing 737-500 Series	8GE107	NONE	2.70%	10.81%	0.00%	62.16%	24.32%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 737-600 Series	1CM007	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 737-700 Series	1CM007	NONE	3.94%	1.57%	9.45%	62.20%	13.39%	0.00%	7.87%	1.57%	0.00%	100.00%
Boeing 737-800 MAX	17CM083	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 737-800 Series	1CM007	NONE	2.01%	1.42%	4.43%	69.80%	8.85%	0.33%	12.90%	0.25%	0.00%	100.00%
Boeing 737-900 Series	3CM029	NONE	4.39%	1.39%	9.47%	56.58%	18.01%	0.23%	9.93%	0.00%	0.00%	100.00%
Boeing 747-200 Series Freighter	3GE077	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 747-400 ER	1GE024	NONE	53.78%	1.69%	1.10%	21.22%	13.35%	0.30%	8.47%	0.10%	0.00%	100.00%
Boeing 747-400 Series Freighter	1GE024	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
7478	2GE045	NONE	54.41%	0.88%	0.29%	19.12%	15.59%	0.00%	9.71%	0.00%	0.00%	100.00%
Boeing 757-200 Series	1RR012	NONE	5.27%	0.89%	7.95%	65.16%	4.38%	0.07%	14.26%	2.01%	0.00%	100.00%
Boeing 757-200 Series	4PW072	NONE	6.19%	1.72%	7.22%	60.48%	12.37%	0.00%	11.00%	1.03%	0.00%	100.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boeing 757-300 Series	2GE054	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 767-200 Series	1GE010	NONE	45.53%	1.47%	0.73%	30.84%	16.40%	0.00%	5.02%	0.00%	0.00%	100.00%
Boeing 767-200 Series	1PW032	NONE	36.36%	4.55%	4.55%	40.91%	9.09%	0.00%	4.55%	0.00%	0.00%	100.00%
Boeing 767-300 ER	1GE012	NONE	23.89%	1.18%	4.55%	49.14%	11.57%	0.08%	8.39%	1.20%	0.00%	100.00%
Boeing 767-400	8GE101	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 777-200 Series	7GE097	NONE	15.77%	1.34%	0.34%	62.75%	3.02%	0.00%	16.78%	0.00%	0.00%	100.00%
Boeing 777-200-LR	7GE097	NONE	66.58%	0.50%	0.25%	10.05%	17.34%	0.25%	5.03%	0.00%	0.00%	100.00%
Boeing 777-300 ER	7GE099	NONE	28.32%	1.91%	0.24%	48.98%	10.63%	0.12%	9.80%	0.00%	0.00%	100.00%
Boeing 777-300 Series	7GE097	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
B787-8R	2GE048	NONE	5.91%	3.94%	0.00%	66.54%	23.23%	0.00%	0.39%	0.00%	0.00%	100.00%
Boeing 787-900 Dreamliner	11GE138	NONE	11.03%	0.74%	0.00%	68.75%	19.49%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing C-17A	F1171	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing DC-3	R1820	R1820-86	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing DC-8 Series 70	1CM001	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing DC-9-10 Series	1PW004	ABS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing KC-135 Stratotanker	J57P42	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing MD-10-1 Freighter	1GE001	NONE	0.00%	2.27%	22.73%	56.82%	0.00%	0.00%	11.36%	6.82%	0.00%	100.00%
Boeing MD-10-30	1GE007	NONE	54.47%	0.78%	1.17%	14.79%	17.90%	0.39%	10.12%	0.39%	0.00%	100.00%
Boeing MD-11	12PW101	NONE	10.53%	0.00%	7.89%	53.95%	1.32%	1.32%	25.00%	0.00%	0.00%	100.00%
Boeing MD-11	1GE020	NONE	27.61%	0.00%	4.48%	50.00%	8.21%	0.00%	8.96%	0.75%	0.00%	100.00%
Boeing MD-81	1PW017	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing MD-82	1PW017	NONE	6.82%	2.27%	25.00%	36.36%	9.09%	0.00%	9.09%	11.36%	0.00%	100.00%
Boeing MD-83	4PW068	NONE	2.38%	1.59%	12.70%	60.32%	7.94%	0.79%	7.94%	6.35%	0.00%	100.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boeing MD-87	1PW017	NONE	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing MD-88	1PW017	NONE	8.74%	1.09%	9.84%	59.02%	16.39%	0.00%	4.37%	0.55%	0.00%	100.00%
Boeing MD-90	11A004	NONE	0.00%	1.41%	1.41%	60.56%	28.17%	0.00%	8.45%	0.00%	0.00%	100.00%
Boelkow BO-105	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bombardier Challenger 300	8HN001	NONE	0.00%	1.52%	25.76%	46.97%	0.00%	0.00%	10.61%	15.15%	0.00%	100.00%
Bombardier Challenger 600	1GE034	NONE	0.00%	0.00%	28.99%	53.62%	0.00%	1.45%	7.25%	8.70%	0.00%	100.00%
Bombardier CRJ-100	1GE035	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier CRJ-200	5GE084	NONE	0.00%	25.00%	0.00%	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	100.00%
Bombardier CRJ-700	5GE084	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier CRJ-900	6GE092	NONE	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier de Havilland Dash 8 Q200	BIZHEAVYPROP_F	NONE_GNR_VAR 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier Global 5000 Business	4BR009	NONE	2.13%	0.00%	23.40%	48.94%	0.00%	0.00%	14.89%	10.64%	0.00%	100.00%
Bombardier Global Express	4BR008	NONE	0.00%	0.00%	24.00%	44.00%	0.00%	0.00%	16.00%	16.00%	0.00%	100.00%
Bombardier Learjet 25	CJ6106	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier Learjet 31	1AS001	NONE	0.00%	0.00%	20.00%	40.00%	0.00%	0.00%	20.00%	20.00%	0.00%	100.00%
Bombardier Learjet 35	1AS001	NONE	0.00%	0.00%	18.11%	59.06%	0.79%	0.79%	14.96%	6.30%	0.00%	100.00%
Bombardier Learjet 45	BIZMEDIUMJET_F	NONE	0.00%	0.00%	28.57%	42.86%	4.76%	0.00%	14.29%	9.52%	0.00%	100.00%
Bombardier Learjet 55	1AS002	NONE	0.00%	2.53%	27.85%	48.10%	1.27%	1.27%	12.66%	6.33%	0.00%	100.00%
Bombardier Learjet 60	BIZMEDIUMJET_F	NONE	0.00%	0.00%	13.33%	66.67%	0.00%	0.00%	13.33%	6.67%	0.00%	100.00%
Britten-Norman BN-2 Islander	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CASA 212-100 Series	PT6A28	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CASA CN-235-100	CT7-5	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 150 Series	O200	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Cessna 172 Skyhawk	O320	NONE	0.00%	25.00%	25.00%	37.50%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Cessna 182	IO360	NONE	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
Cessna 206	TIO540	IO-540-AC	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 208 Caravan	PT6A14	NONE	0.00%	40.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 210 Centurion	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 310	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Cessna 340	TIO540	NONE	0.00%	0.00%	20.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 402	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 404 Titan II	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 414	TIO540	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 421 Golden Eagle	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 441 Conquest II	TPE10	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 500 Citation I	BIZLIGHTJET_F	NONE	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 501 Citation ISP	1PW035	NONE	0.00%	0.00%	50.00%	33.33%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Cessna 525A CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Cessna 525B CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	28.57%	71.43%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 525C CitationJet	BIZLIGHTJET	NONE	0.00%	0.00%	37.50%	50.00%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Cessna 550 Citation II	BIZLIGHTJET_F	NONE	0.00%	0.00%	25.00%	54.55%	0.00%	0.00%	11.36%	9.09%	0.00%	100.00%
Cessna 560 Citation Excel	1PW037	NONE	0.00%	0.00%	52.94%	29.41%	0.00%	0.00%	11.76%	5.88%	0.00%	100.00%
Cessna 560 Citation XLS	BIZLIGHTJET_F	NONE	0.00%	0.00%	31.48%	40.74%	0.00%	0.00%	11.11%	16.67%	0.00%	100.00%
Cessna 650 Citation III	TFE731	NONE	0.00%	0.00%	0.00%	75.00%	0.00%	0.00%	25.00%	0.00%	0.00%	100.00%
Cessna 680 Citation Sovereign	BIZLIGHTJET_F	NONE	0.00%	2.50%	37.50%	30.00%	0.00%	0.00%	20.00%	10.00%	0.00%	100.00%
Cessna 750 Citation X	4AL003	NONE	0.00%	5.88%	29.41%	41.18%	0.00%	0.00%	11.76%	11.76%	0.00%	100.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
CESSNA CITATION 510	BIZLIGHTJET_F	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cirrus SR20	IO360	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cirrus SR22	TIO540	NONE	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Convair CV-240/T-29	R1820	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Convair CV-580	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Dassault Falcon 10	1RR020	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dassault Falcon 2000	CF700D	NONE	0.00%	0.00%	23.53%	47.06%	0.00%	0.00%	11.76%	17.65%	0.00%	100.00%
Dassault Falcon 20-C	CF700D	NONE	0.00%	0.00%	60.00%	20.00%	0.00%	0.00%	20.00%	0.00%	0.00%	100.00%
Dassault Falcon 50	16PW114	NONE	0.00%	0.00%	16.67%	50.00%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
Dassault Falcon 900	TFE731	NONE	0.00%	0.00%	36.84%	31.58%	0.00%	0.00%	21.05%	10.53%	0.00%	100.00%
Dornier 328 Jet	1TL004	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dornier 328-100 Series	PW119B	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
EADS Socata TBM-700	PT6A60	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Eclipse 500 / PW610F	BIZLIGHTJET_F	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Embraer EMB120 Brasilia	PW118	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Embraer ERJ135	6AL012	NONE	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
Embraer ERJ145	4AL003	NONE	0.59%	0.12%	1.65%	76.53%	7.55%	0.59%	11.79%	1.18%	0.00%	100.00%
Embraer ERJ170	8GE107	NONE	0.34%	1.35%	4.80%	75.51%	8.33%	0.25%	9.43%	0.00%	0.00%	100.00%
Embraer ERJ175	6GE094	NONE	0.41%	1.03%	0.41%	73.14%	9.50%	1.24%	14.26%	0.00%	0.00%	100.00%
Embraer ERJ190	XCF10E	NONE	15.15%	0.00%	6.06%	51.52%	21.21%	0.00%	6.06%	0.00%	0.00%	100.00%
Embraer Legacy 450 (EMB-545)	14HN007	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Embraer Legacy 500 (EMB-550)	14HN008	NONE	2.08%	0.00%	25.00%	33.33%	0.00%	2.08%	27.08%	10.42%	0.00%	100.00%
EPIC LT/Dynasty	PT667A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Fairchild SA-226-T Merlin III	TPE10	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Fairchild SA-227-AC Metro III	PT6A45	NONE	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Falcon 7X	8PW090	NONE	0.00%	0.00%	30.00%	40.00%	0.00%	0.00%	20.00%	10.00%	0.00%	100.00%
Falcon 8X	15PW109	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GULFSTREAM AEROSPACE Gulfstream G650	11BR011	NONE	0.00%	6.25%	12.50%	50.00%	0.00%	0.00%	31.25%	0.00%	0.00%	100.00%
Gulfstream G150	BIZMEDIUMJET_F	NONE	0.00%	0.00%	20.00%	60.00%	0.00%	0.00%	20.00%	0.00%	0.00%	100.00%
Gulfstream G200	7PW077	NONE	0.00%	0.00%	28.57%	42.86%	0.00%	0.00%	21.43%	7.14%	0.00%	100.00%
Gulfstream G280	11HN005	NONE	0.00%	0.00%	16.67%	66.67%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Gulfstream G300	F1131	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Gulfstream G450	6RR042	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gulfstream II-B	1RR016	NONE	0.00%	0.00%	25.00%	25.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Gulfstream IV-SP	6RR042	NONE	0.00%	0.00%	14.93%	61.19%	0.00%	0.00%	16.42%	7.46%	0.00%	100.00%
Gulfstream V-SP	3BR001	NONE	0.13%	4.03%	11.72%	61.27%	4.18%	0.06%	13.37%	5.25%	0.00%	100.00%
Hawker HS-125 Series 700	BIZMEDIUMJET_F	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Honda HA-420 Hondajet	BIZLIGHTJET_F	NONE	0.00%	0.00%	33.33%	50.00%	0.00%	0.00%	0.00%	16.67%	0.00%	100.00%
Ilyushin 76 Candid	1AA001	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Israel IAI-1124 Westwind I	CJ6106	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Israel IAI-1125 Astra	TFE731	NONE	0.00%	25.00%	37.50%	25.00%	0.00%	0.00%	12.50%	0.00%	0.00%	100.00%
Lancair 360	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Lockheed C-130 Hercules	T56A7	T56-A-7	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Lockheed Martin F-16 Fighting Falcon	F1101	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Lockheed P-3 Orion ANP:P3A	T56A14	T56-A-14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Maule MT-7-235	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mitsubishi MU-2	TPE6	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mitsubishi MU-300 Diamond	1PW036	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mooney M20-K	TSIO36	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Partenavia P.68 Victor	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piaggio P.180 Avanti	PT6A66	NONE	0.00%	0.00%	20.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Pilatus PC-12	PT6A67	NONE	0.00%	0.00%	28.57%	35.71%	0.00%	7.14%	14.29%	14.29%	0.00%	100.00%
Piper PA-23 Apache/Aztec	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piper PA-27 Aztec	TIO540	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Piper PA-28 Cherokee Series	IO320	O-320-D3G	0.00%	9.09%	27.27%	45.45%	0.00%	0.00%	0.00%	18.18%	0.00%	100.00%
Piper PA-30 Twin Comanche	IO320	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA-31 Navajo	TIO540	NONE	0.00%	0.00%	12.50%	87.50%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA-31T Cheyenne	P6135A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piper PA-32 Cherokee Six	TIO540	NONE	0.00%	0.00%	20.00%	20.00%	0.00%	40.00%	0.00%	20.00%	0.00%	100.00%
Piper PA-34 Seneca	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Piper PA-42 Cheyenne Series	PT6A11	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piper PA46-TP Meridian	PT6A42	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Aerostar PA-60	TIO540	NONE	0.00%	0.00%	16.67%	66.67%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Quest Kodiak 100	PT6A34	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Beech 1900-C	PT6A6B	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Beech 55 Baron	TIO540	TS10-520-L	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Raytheon Beech 99	P6135A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Beech Baron 58	TIO540	NONE	0.00%	14.29%	28.57%	47.62%	0.00%	0.00%	9.52%	0.00%	0.00%	100.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Raytheon Beech Bonanza 36	TIO540	NONE	0.00%	0.00%	25.00%	50.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Raytheon Beechjet 400	BIZLIGHTJET_F	NONE	0.00%	0.00%	27.27%	54.55%	0.00%	0.00%	13.64%	4.55%	0.00%	100.00%
Raytheon Hawker 1000	7PW078	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Hawker 4000 Horizon	7PW079	NONE	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Raytheon Hawker 800	BIZMEDIUMJET_F	NONE	1.08%	1.08%	22.58%	59.14%	0.00%	0.00%	12.90%	3.23%	0.00%	100.00%
Raytheon King Air 100	PT6A28	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon King Air 90	P6135A	NONE	0.00%	0.00%	37.50%	25.00%	0.00%	12.50%	25.00%	0.00%	0.00%	100.00%
Raytheon Premier I	BIZLIGHTJET_F	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Super King Air 200	PT6A42	NONE	0.00%	2.50%	30.00%	52.50%	0.00%	2.50%	10.00%	2.50%	0.00%	100.00%
Raytheon Super King Air 300	PT660A	NONE	0.00%	0.00%	36.36%	36.36%	0.00%	0.00%	18.18%	9.09%	0.00%	100.00%
Rockwell Commander 500	TIO540	NONE	0.00%	0.00%	25.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Rockwell Commander 690	TPE1	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rockwell Sabreliner 65	CF700D	NONE	0.00%	0.00%	20.00%	20.00%	0.00%	0.00%	60.00%	0.00%	0.00%	100.00%
Ryan Navion B	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Saab 340-A	CT7-5	NONE	0.00%	0.00%	45.83%	33.33%	0.00%	0.00%	4.17%	16.67%	0.00%	100.00%
Shorts 360-100 Series	PT6A6A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SOCATA TBM 850	PT6A66	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aerospatiale SA-350D Astar (AS-350)	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Agusta A-109	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 206B-3	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 214B-1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 407 / Rolls-Royce 250-C47B	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 427	TPE1	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2017 Night Departure Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Bell 430	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC 120	PT6A27	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Eurocopter EC-130	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC-155B1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Robinson R22B	IO320	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Robinson R44 Raven / Lycoming O-540-F1B5	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Sikorsky S-76C	T70070	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Grand Total			15.77%	1.37%	4.91%	56.10%	10.39%	0.25%	9.95%	1.06%	0.21%	100.00%

Note: Aircraft with a total of 0% means there were no nighttime departures recorded in 2017.

APPENDIX A-5

2017 Day Arrival Runway Use Percentages

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
1985 1-ENG COMP	TIO540	NONE	0.00%	4.65%	34.88%	2.33%	48.84%	0.00%	4.65%	4.65%	0.00%	100.00%
Airbus A300F4-600 Series	1PW048	NONE	5.79%	0.83%	70.25%	9.92%	0.00%	1.65%	2.48%	9.09%	0.00%	100.00%
Airbus A300F4-600 Series	2GE039	NONE	34.67%	0.31%	29.10%	13.93%	7.43%	0.93%	3.41%	10.22%	0.00%	100.00%
Airbus A310-200 Series Freighter	5PW074	NONE	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Airbus A318-100 Series	7CM048	NONE	70.93%	0.00%	0.00%	0.00%	0.00%	29.07%	0.00%	0.00%	0.00%	100.00%
Airbus A319-100 Series	1CM008	NONE	49.00%	24.36%	5.35%	1.09%	1.11%	11.47%	0.90%	6.72%	0.00%	100.00%
Airbus A320-200 Series	11A003	NONE	54.53%	22.82%	1.76%	0.34%	1.54%	13.73%	0.43%	4.85%	0.00%	100.00%
Airbus A320-200 Series	3CM026	NONE	51.80%	25.40%	1.80%	0.31%	1.63%	12.35%	0.57%	6.14%	0.00%	100.00%
Airbus A320-NEO	17CM082	NONE	28.52%	48.52%	1.11%	0.37%	0.74%	6.67%	1.85%	12.22%	0.00%	100.00%
Airbus A321-100 Series	2CM012	NONE	40.46%	31.04%	6.32%	1.35%	0.82%	8.84%	1.49%	9.68%	0.00%	100.00%
Airbus A330-200 Series	2RR022	NONE	56.82%	19.91%	0.95%	1.25%	7.02%	7.71%	4.40%	1.93%	0.00%	100.00%
Airbus A330-200 Series	3GE057	NONE	33.80%	46.56%	0.26%	1.40%	3.06%	4.97%	8.04%	1.91%	0.00%	100.00%
Airbus A330-300 Series	2RR022	NONE	19.66%	58.57%	0.20%	2.32%	3.33%	3.33%	11.39%	1.21%	0.00%	100.00%
Airbus A330-300 Series	3GE057	NONE	40.53%	37.73%	0.53%	0.93%	4.67%	9.73%	5.07%	0.80%	0.00%	100.00%
Airbus A340-300 Series	3CM020	NONE	68.57%	8.57%	0.00%	0.41%	2.45%	18.37%	1.63%	0.00%	0.00%	100.00%
Airbus A340-600 Series	6RR041	NONE	42.18%	38.78%	0.00%	1.36%	5.44%	0.00%	12.24%	0.00%	0.00%	100.00%
Airbus A350-900 series	14RR071	NONE	31.48%	47.22%	0.00%	4.63%	2.78%	0.93%	12.04%	0.93%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	8RR046	NONE	80.36%	0.00%	0.00%	0.00%	19.45%	0.00%	0.18%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	9EA001	NONE	77.44%	0.00%	0.00%	0.75%	21.80%	0.00%	0.00%	0.00%	0.00%	100.00%
Antonov 12 Cub	AI24VT	NONE	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	100.00%
Antonov 124 Ruslan	4RR036	NONE	33.33%	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
ATR 42-200	PW120	NONE	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	100.00%
ATR 42-300	PW120	NONE	0.66%	0.66%	78.29%	0.00%	0.00%	0.66%	0.66%	19.08%	0.00%	100.00%
ATR 42-600	BIZHEAVYPROP_F	NONE	83.72%	0.00%	0.00%	0.00%	2.33%	11.63%	0.00%	2.33%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
ATR 72-200	BIZHEAVYPROP	NONE	0.00%	0.00%	82.56%	0.00%	0.00%	0.00%	1.16%	16.28%	0.00%	100.00%
ATR 72-600	PW127F	NONE	81.25%	0.00%	1.04%	0.00%	2.08%	14.58%	1.04%	0.00%	0.00%	100.00%
BAE Jetstream 32	TPE12	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Boeing 707-300 Series	1CM001	NONE	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 717-200 Series	4BR002	NONE	8.15%	66.81%	2.77%	0.73%	0.44%	0.87%	3.20%	17.03%	0.00%	100.00%
Boeing 727-100 Series	1PW010	JT8D-7	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 727-200 Series	1PW009	FDX	61.42%	2.36%	14.17%	1.57%	2.36%	11.02%	0.00%	7.09%	0.00%	100.00%
Boeing 737-200 Series	1PW009	AVA	61.54%	12.82%	12.82%	0.00%	0.00%	12.82%	0.00%	0.00%	0.00%	100.00%
Boeing 737-300 Series	CFM563	NONE	75.30%	1.72%	1.15%	0.26%	3.64%	17.17%	0.06%	0.70%	0.00%	100.00%
Boeing 737-400 Series	CFM563	NONE	70.85%	4.24%	5.25%	0.51%	2.29%	15.17%	0.00%	1.69%	0.00%	100.00%
Boeing 737-500 Series	8GE107	NONE	77.68%	0.62%	0.50%	0.00%	1.87%	18.20%	0.12%	1.00%	0.00%	100.00%
Boeing 737-600 Series	1CM007	NONE	17.44%	50.00%	6.98%	0.00%	1.16%	0.00%	1.16%	23.26%	0.00%	100.00%
Boeing 737-700 Series	1CM007	NONE	55.06%	17.53%	5.88%	0.82%	1.76%	12.24%	0.47%	6.24%	0.00%	100.00%
Boeing 737-800 MAX	17CM083	NONE	2.00%	58.67%	7.33%	3.33%	0.00%	2.67%	1.33%	24.67%	0.00%	100.00%
Boeing 737-800 Series	1CM007	NONE	45.88%	25.95%	6.15%	0.92%	1.05%	10.82%	1.25%	7.98%	0.00%	100.00%
Boeing 737-900 Series	3CM029	NONE	37.66%	36.09%	2.18%	0.17%	2.18%	10.99%	1.31%	9.42%	0.00%	100.00%
Boeing 747-200 Series Freighter	3GE077	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 747-400 ER	1GE024	NONE	58.43%	7.56%	0.42%	12.39%	13.39%	0.68%	6.93%	0.21%	0.00%	100.00%
Boeing 747-400 Series Freighter	1GE024	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
7478	2GE045	NONE	58.92%	0.41%	0.00%	16.60%	19.29%	0.00%	4.56%	0.21%	0.00%	100.00%
Boeing 757-200 Series	1RR012	NONE	36.27%	24.40%	16.73%	1.93%	1.09%	8.25%	1.45%	9.88%	0.00%	100.00%
Boeing 757-200 Series	4PW072	NONE	63.18%	13.31%	5.17%	0.52%	5.17%	9.30%	0.26%	3.10%	0.00%	100.00%
Boeing 757-300 Series	2GE054	NONE	28.57%	14.29%	14.29%	0.00%	0.00%	0.00%	0.00%	42.86%	0.00%	100.00%
Boeing 767-200 Series	1GE010	NONE	72.47%	2.80%	0.76%	1.02%	12.75%	9.37%	0.64%	0.19%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boeing 767-200 Series	1PW032	NONE	57.02%	1.65%	6.61%	3.31%	18.18%	7.44%	4.13%	1.65%	0.00%	100.00%
Boeing 767-300 ER	1GE012	NONE	45.29%	17.33%	11.40%	5.00%	6.62%	5.89%	2.78%	5.69%	0.00%	100.00%
Boeing 767-400	8GE101	NONE	25.00%	25.00%	25.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	100.00%
Boeing 777-200 Series	7GE097	NONE	29.44%	30.32%	9.05%	10.93%	0.68%	7.82%	5.78%	5.98%	0.00%	100.00%
Boeing 777-200-LR	7GE097	NONE	69.26%	6.71%	0.00%	0.71%	18.37%	1.41%	2.83%	0.71%	0.00%	100.00%
Boeing 777-300 ER	7GE099	NONE	35.19%	39.42%	3.36%	3.07%	3.07%	5.99%	6.29%	3.61%	0.00%	100.00%
Boeing 777-300 Series	7GE097	NONE	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
B787-8R	2GE048	NONE	42.81%	36.69%	0.33%	1.98%	2.98%	9.09%	4.79%	1.32%	0.00%	100.00%
Boeing 787-900 Dreamliner	11GE138	NONE	49.36%	24.50%	0.00%	4.90%	5.99%	4.17%	10.53%	0.54%	0.00%	100.00%
Boeing C-17A	F1171	NONE	0.00%	0.00%	33.33%	16.67%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Boeing DC-3	R1820	R1820-86	0.00%	10.34%	75.00%	0.00%	0.00%	0.00%	0.00%	14.66%	0.00%	100.00%
Boeing DC-8 Series 70	1CM001	NONE	50.00%	0.00%	25.00%	12.50%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Boeing DC-9-10 Series	1PW004	ABS	0.00%	0.00%	75.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing KC-135 Stratotanker	J57P42	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing MD-10-1 Freighter	1GE001	NONE	0.27%	0.00%	74.59%	5.74%	0.27%	0.00%	1.37%	17.76%	0.00%	100.00%
Boeing MD-10-30	1GE007	NONE	46.19%	0.00%	29.79%	4.16%	12.01%	1.62%	1.15%	5.08%	0.00%	100.00%
Boeing MD-11	12PW101	NONE	2.07%	0.00%	15.17%	62.76%	2.07%	1.38%	12.41%	4.14%	0.00%	100.00%
Boeing MD-11	1GE020	NONE	25.87%	0.00%	12.36%	43.63%	6.18%	1.16%	8.88%	1.93%	0.00%	100.00%
Boeing MD-81	1PW017	NONE	0.00%	0.00%	66.67%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	100.00%
Boeing MD-82	1PW017	NONE	49.18%	0.41%	22.54%	0.41%	2.46%	17.62%	1.64%	5.74%	0.00%	100.00%
Boeing MD-83	4PW068	NONE	65.48%	1.08%	12.77%	0.11%	1.95%	15.91%	0.22%	2.49%	0.00%	100.00%
Boeing MD-87	1PW017	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing MD-88	1PW017	NONE	31.52%	46.07%	1.13%	0.60%	1.90%	7.56%	1.90%	9.32%	0.00%	100.00%
Boeing MD-90	11A004	NONE	31.55%	44.23%	1.26%	0.31%	1.47%	7.02%	1.15%	13.00%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boelkow BO-105	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bombardier Challenger 300	8HN001	NONE	0.17%	0.35%	76.21%	0.35%	0.09%	0.17%	0.43%	22.23%	0.00%	100.00%
Bombardier Challenger 600	1GE034	NONE	0.19%	0.38%	77.10%	1.15%	0.00%	0.00%	0.00%	21.18%	0.00%	100.00%
Bombardier CRJ-100	1GE035	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier CRJ-200	5GE084	NONE	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	100.00%
Bombardier CRJ-700	5GE084	NONE	23.44%	26.56%	28.13%	0.00%	0.00%	3.13%	3.13%	15.63%	0.00%	100.00%
Bombardier CRJ-900	6GE092	NONE	7.14%	42.86%	21.43%	0.00%	7.14%	7.14%	0.00%	14.29%	0.00%	100.00%
Bombardier de Havilland Dash 8 Q200	BIZHEAVYPROP_F	NONE_GNR_VAR1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier Global 5000 Business	4BR009	NONE	0.26%	0.52%	80.00%	1.04%	0.26%	0.26%	0.52%	17.14%	0.00%	100.00%
Bombardier Global Express	4BR008	NONE	0.41%	0.41%	78.01%	0.83%	0.00%	0.41%	0.83%	19.09%	0.00%	100.00%
Bombardier Learjet 25	CJ6106	NONE	0.00%	0.00%	77.78%	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	100.00%
Bombardier Learjet 31	1AS001	NONE	0.00%	0.00%	78.26%	0.00%	0.00%	0.00%	4.35%	17.39%	0.00%	100.00%
Bombardier Learjet 35	1AS001	NONE	0.00%	0.95%	79.15%	0.95%	0.00%	0.00%	0.95%	18.01%	0.00%	100.00%
Bombardier Learjet 45	BIZMEDIUMJET_F	NONE	0.31%	0.63%	74.84%	0.63%	0.00%	0.00%	0.63%	22.96%	0.00%	100.00%
Bombardier Learjet 55	1AS002	NONE	0.00%	0.63%	75.00%	1.25%	0.00%	0.00%	0.00%	23.13%	0.00%	100.00%
Bombardier Learjet 60	BIZMEDIUMJET_F	NONE	0.30%	0.60%	77.64%	0.91%	0.00%	0.30%	0.60%	19.64%	0.00%	100.00%
Britten-Norman BN-2 Islander	TIO540	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	4.17%	20.83%	0.00%	100.00%
CASA 212-100 Series	PT6A28	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
CASA CN-235-100	CT7-5	NONE	0.00%	0.00%	78.57%	0.00%	0.00%	0.00%	0.00%	21.43%	0.00%	100.00%
Cessna 150 Series	O200	NONE	12.50%	12.50%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 172 Skyhawk	O320	NONE	1.59%	6.35%	68.25%	0.00%	0.00%	0.00%	0.00%	23.81%	0.00%	100.00%
Cessna 182	IO360	NONE	2.53%	2.53%	74.68%	0.00%	0.00%	1.27%	0.00%	18.99%	0.00%	100.00%
Cessna 206	TIO540	IO-540-AC	5.88%	5.88%	64.71%	0.00%	5.88%	0.00%	0.00%	17.65%	0.00%	100.00%
Cessna 208 Caravan	PT6A14	NONE	0.17%	4.78%	75.43%	0.34%	0.00%	0.00%	0.34%	18.94%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Cessna 210 Centurion	TIO540	NONE	0.00%	10.00%	50.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00%	100.00%
Cessna 310	TIO540	NONE	0.00%	0.00%	65.22%	4.35%	0.00%	0.00%	0.00%	30.43%	0.00%	100.00%
Cessna 340	TIO540	NONE	0.00%	1.43%	75.71%	0.00%	0.00%	0.00%	0.00%	22.86%	0.00%	100.00%
Cessna 402	TIO540	NONE	0.00%	1.25%	73.75%	1.25%	0.00%	1.25%	1.25%	21.25%	0.00%	100.00%
Cessna 404 Titan II	TIO540	NONE	0.76%	2.27%	75.00%	1.52%	0.00%	0.00%	0.76%	19.70%	0.00%	100.00%
Cessna 414	TIO540	NONE	0.00%	1.72%	70.69%	0.00%	0.00%	0.00%	0.00%	27.59%	0.00%	100.00%
Cessna 421 Golden Eagle	TIO540	NONE	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	100.00%
Cessna 441 Conquest II	TPE10	NONE	0.00%	0.00%	90.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	100.00%
Cessna 500 Citation I	BIZLIGHTJET_F	NONE	0.00%	0.00%	71.43%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	100.00%
Cessna 501 Citation ISP	1PW035	NONE	0.00%	0.00%	90.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	100.00%
Cessna 525A CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	78.26%	1.45%	0.00%	0.00%	0.00%	20.29%	0.00%	100.00%
Cessna 525B CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	85.85%	0.00%	0.00%	0.00%	0.00%	14.15%	0.00%	100.00%
Cessna 525C CitationJet	BIZLIGHTJET	NONE	0.00%	0.97%	74.76%	0.00%	0.00%	0.00%	0.00%	24.27%	0.00%	100.00%
Cessna 550 Citation II	BIZLIGHTJET_F	NONE	0.65%	0.00%	76.13%	0.00%	0.00%	0.00%	0.65%	22.58%	0.00%	100.00%
Cessna 560 Citation Excel	1PW037	NONE	0.71%	0.71%	74.02%	0.00%	0.36%	0.00%	0.00%	24.20%	0.00%	100.00%
Cessna 560 Citation XLS	BIZLIGHTJET_F	NONE	0.11%	0.22%	78.94%	0.43%	0.00%	0.00%	0.33%	19.98%	0.00%	100.00%
Cessna 650 Citation III	TFE731	NONE	0.00%	2.27%	68.18%	0.00%	0.00%	0.00%	0.00%	29.55%	0.00%	100.00%
Cessna 680 Citation Sovereign	BIZLIGHTJET_F	NONE	0.00%	0.14%	77.84%	0.14%	0.00%	0.14%	0.43%	21.29%	0.00%	100.00%
Cessna 750 Citation X	4AL003	NONE	0.21%	0.21%	77.57%	0.62%	0.00%	0.21%	0.82%	20.37%	0.00%	100.00%
CESSNA CITATION 510	BIZLIGHTJET_F	NONE	0.00%	0.00%	85.19%	0.00%	0.00%	0.00%	0.00%	14.81%	0.00%	100.00%
Cirrus SR20	IO360	NONE	0.00%	0.00%	63.64%	0.00%	0.00%	0.00%	0.00%	36.36%	0.00%	100.00%
Cirrus SR22	TIO540	NONE	0.00%	1.09%	79.35%	0.00%	0.00%	0.00%	0.00%	19.57%	0.00%	100.00%
Convair CV-240/T-29	R1820	NONE	0.00%	0.15%	78.51%	0.58%	0.00%	0.00%	0.29%	20.47%	0.00%	100.00%
Convair CV-580	250B17	NONE	0.00%	14.29%	42.86%	0.00%	0.00%	0.00%	0.00%	42.86%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Dassault Falcon 10	1RR020	NONE	0.00%	0.00%	83.33%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	100.00%
Dassault Falcon 2000	CF700D	NONE	0.21%	0.21%	80.30%	0.00%	0.00%	0.43%	0.21%	18.63%	0.00%	100.00%
Dassault Falcon 20-C	CF700D	NONE	7.14%	0.00%	78.57%	7.14%	0.00%	0.00%	0.00%	7.14%	0.00%	100.00%
Dassault Falcon 50	16PW114	NONE	0.00%	0.00%	84.62%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	100.00%
Dassault Falcon 900	TFE731	NONE	0.59%	0.00%	82.94%	0.59%	0.00%	0.59%	0.00%	15.29%	0.00%	100.00%
Dornier 328 Jet	1TL004	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dornier 328-100 Series	PW119B	NONE	28.26%	41.30%	6.52%	4.35%	0.00%	6.52%	0.00%	13.04%	0.00%	100.00%
EADS Socata TBM-700	PT6A60	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Eclipse 500 / PW610F	BIZLIGHTJET_F	NONE	0.00%	5.56%	72.22%	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	100.00%
Embraer EMB120 Brasilia	PW118	NONE	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Embraer ERJ135	6AL012	NONE	0.00%	0.00%	70.59%	0.00%	0.00%	0.00%	2.94%	26.47%	0.00%	100.00%
Embraer ERJ145	4AL003	NONE	29.86%	42.06%	5.94%	1.03%	0.54%	7.64%	2.22%	10.71%	0.00%	100.00%
Embraer ERJ170	8GE107	NONE	46.01%	30.50%	3.90%	0.75%	0.60%	10.10%	0.92%	7.22%	0.00%	100.00%
Embraer ERJ175	6GE094	NONE	44.19%	25.78%	4.79%	0.64%	1.19%	12.24%	1.63%	9.55%	0.00%	100.00%
Embraer ERJ190	XCF10E	NONE	74.18%	1.19%	0.90%	0.15%	2.84%	19.55%	0.15%	1.04%	0.00%	100.00%
Embraer Legacy 450 (EMB-545)	14HN007	NONE	0.00%	0.00%	84.62%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	100.00%
Embraer Legacy 500 (EMB-550)	14HN008	NONE	0.13%	0.00%	78.65%	0.78%	0.00%	0.00%	0.39%	20.05%	0.00%	100.00%
EPIC LT/Dynasty	PT667A	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Fairchild SA-226-T Merlin III	TPE10	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Fairchild SA-227-AC Metro III	PT6A45	NONE	0.79%	0.00%	79.45%	0.40%	0.00%	0.00%	0.40%	18.97%	0.00%	100.00%
Falcon 7X	8PW090	NONE	0.00%	0.00%	76.36%	0.91%	0.00%	0.00%	0.00%	22.73%	0.00%	100.00%
Falcon 8X	15PW109	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
GULFSTREAM AEROSPACE Gulfstream G650	11BR011	NONE	0.93%	0.00%	84.11%	0.00%	0.00%	0.00%	0.93%	14.02%	0.00%	100.00%
Gulfstream G150	BIZMEDIUMJET_F	NONE	0.00%	1.27%	81.01%	0.00%	0.00%	0.00%	0.00%	17.72%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Gulfstream G200	7PW077	NONE	0.52%	0.00%	83.94%	0.00%	0.00%	0.52%	1.04%	13.99%	0.00%	100.00%
Gulfstream G280	11HN005	NONE	0.00%	0.00%	78.65%	0.00%	0.00%	0.00%	0.00%	21.35%	0.00%	100.00%
Gulfstream G300	F1131	NONE	0.00%	0.00%	78.65%	0.00%	0.00%	0.00%	0.00%	21.35%	0.00%	100.00%
Gulfstream G450	6RR042	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Gulfstream II-B	1RR016	NONE	0.00%	0.00%	93.33%	0.00%	0.00%	0.00%	0.00%	6.67%	0.00%	100.00%
Gulfstream IV-SP	6RR042	NONE	0.00%	0.00%	75.90%	0.75%	0.00%	0.15%	1.05%	22.16%	0.00%	100.00%
Gulfstream V-SP	3BR001	NONE	22.32%	14.25%	41.69%	0.98%	0.16%	6.11%	0.65%	13.83%	0.00%	100.00%
Hawker HS-125 Series 700	BIZMEDIUMJET_F	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Honda HA-420 Hondajet	BIZLIGHTJET_F	NONE	0.00%	0.00%	74.58%	0.00%	0.00%	0.00%	1.69%	23.73%	0.00%	100.00%
Ilyushin 76 Candid	1AA001	NONE	33.33%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Israel IAI-1124 Westwind I	CJ6106	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Israel IAI-1125 Astra	TFE731	NONE	0.00%	0.00%	84.62%	0.00%	0.00%	0.00%	0.00%	15.38%	0.00%	100.00%
Lancair 360	IO360	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Lockheed C-130 Hercules	T56A7	T56-A-7	0.00%	6.25%	56.25%	6.25%	0.00%	0.00%	6.25%	25.00%	0.00%	100.00%
Lockheed Martin F-16 Fighting Falcon	F1101	NONE	0.00%	0.00%	33.33%	16.67%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Lockheed P-3 Orion ANP:P3A	T56A14	T56-A-14	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Maule MT-7-235	250B17	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mitsubishi MU-2	TPE6	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mitsubishi MU-300 Diamond	1PW036	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mooney M20-K	TSIO36	NONE	0.00%	0.00%	85.00%	0.00%	0.00%	0.00%	0.00%	15.00%	0.00%	100.00%
Partenavia P.68 Victor	IO360	NONE	0.00%	0.00%	76.19%	0.00%	0.00%	0.00%	0.00%	23.81%	0.00%	100.00%
Piaggio P.180 Avanti	PT6A66	NONE	0.00%	0.00%	80.00%	0.00%	0.00%	0.00%	0.00%	20.00%	0.00%	100.00%
Pilatus PC-12	PT6A67	NONE	0.56%	0.56%	75.28%	0.56%	0.00%	0.00%	0.00%	23.03%	0.00%	100.00%
Piper PA-23 Apache/Aztec	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Piper PA-27 Aztec	TIO540	NONE	0.00%	5.71%	71.43%	0.00%	0.00%	0.00%	0.00%	22.86%	0.00%	100.00%
Piper PA-28 Cherokee Series	IO320	O-320-D3G	2.04%	2.04%	69.39%	4.08%	0.00%	0.00%	0.00%	22.45%	0.00%	100.00%
Piper PA-30 Twin Comanche	IO320	NONE	0.00%	7.69%	84.62%	0.00%	0.00%	0.00%	0.00%	7.69%	0.00%	100.00%
Piper PA-31 Navajo	TIO540	NONE	0.00%	2.80%	71.96%	0.93%	0.00%	0.93%	0.00%	23.36%	0.00%	100.00%
Piper PA-31T Cheyenne	P6135A	NONE	0.00%	0.00%	71.43%	0.00%	0.00%	0.00%	0.00%	28.57%	0.00%	100.00%
Piper PA-32 Cherokee Six	TIO540	NONE	0.00%	0.00%	85.19%	0.00%	0.00%	0.00%	0.00%	14.81%	0.00%	100.00%
Piper PA-34 Seneca	IO360	NONE	3.85%	7.69%	69.23%	0.00%	0.00%	0.00%	0.00%	19.23%	0.00%	100.00%
Piper PA-42 Cheyenne Series	PT6A11	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA46-TP Meridian	PT6A42	NONE	0.00%	0.00%	81.63%	0.00%	0.00%	0.00%	0.00%	18.37%	0.00%	100.00%
Aerostar PA-60	TIO540	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Quest Kodiak 100	PT6A34	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech 1900-C	PT6A6B	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech 55 Baron	TIO540	TS10-520-L	0.00%	0.00%	80.95%	0.00%	0.00%	0.00%	0.00%	19.05%	0.00%	100.00%
Raytheon Beech 99	P6135A	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech Baron 58	TIO540	NONE	0.00%	1.75%	79.82%	0.00%	0.00%	0.00%	0.00%	18.42%	0.00%	100.00%
Raytheon Beech Bonanza 36	TIO540	NONE	0.00%	1.25%	76.25%	0.00%	0.00%	0.00%	1.25%	21.25%	0.00%	100.00%
Raytheon Beechjet 400	BIZLIGHTJET_F	NONE	0.42%	0.00%	78.90%	1.27%	0.00%	0.00%	0.42%	18.99%	0.00%	100.00%
Raytheon Hawker 1000	7PW078	NONE	0.00%	0.00%	77.78%	0.00%	0.00%	0.00%	0.00%	22.22%	0.00%	100.00%
Raytheon Hawker 4000 Horizon	7PW079	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Hawker 800	BIZMEDIUMJET_F	NONE	0.16%	0.32%	77.58%	0.32%	0.00%	0.00%	0.32%	21.30%	0.00%	100.00%
Raytheon King Air 100	PT6A28	NONE	0.00%	0.00%	83.33%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	100.00%
Raytheon King Air 90	P6135A	NONE	0.00%	1.35%	71.62%	0.00%	1.35%	1.35%	1.35%	22.97%	0.00%	100.00%
Raytheon Premier I	BIZLIGHTJET_F	NONE	0.00%	0.00%	87.50%	0.00%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Raytheon Super King Air 200	PT6A42	NONE	1.36%	0.45%	77.73%	0.00%	0.00%	0.45%	0.00%	20.00%	0.00%	100.00%

2017 Day Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Raytheon Super King Air 300	PT660A	NONE	0.33%	0.00%	78.26%	0.00%	0.00%	0.00%	0.00%	21.40%	0.00%	100.00%
Rockwell Commander 500	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rockwell Commander 690	TPE1	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Rockwell Sabreliner 65	CF700D	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Ryan Navion B	TIO540	NONE	0.00%	0.00%	75.00%	12.50%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Saab 340-A	CT7-5	NONE	6.92%	0.96%	70.79%	0.83%	0.58%	1.22%	0.13%	18.58%	0.00%	100.00%
Shorts 360-100 Series	PT6A6A	NONE	0.79%	1.19%	76.19%	0.40%	0.00%	0.00%	0.40%	21.03%	0.00%	100.00%
SOCATA TBM 850	PT6A66	NONE	0.00%	0.00%	75.00%	12.50%	0.00%	0.00%	0.00%	12.50%	0.00%	100.00%
Aerospatale SA-350D Astar (AS-350)	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Agusta A-109	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 206B-3	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 214B-1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 407 / Rolls-Royce 250-C47B	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 427	TPE1	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 430	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC 120	PT6A27	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC-130	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC-155B1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Robinson R22B	IO320	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Robinson R44 Raven / Lycoming O-540-F1B5	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Sikorsky S-76C	T70070	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Grand Total			41.04%	23.61%	12.67%	1.63%	1.96%	8.83%	1.65%	8.35%	0.24%	100.00%

Note: Aircraft with a total of 0% means there were no daytime arrivals recorded in 2017.

APPENDIX A-6

2017 Night Arrival Runway Use Percentages

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
1985 1-ENG COMP	TIO540	NONE	0.00%	0.00%	12.50%	25.00%	62.50%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A300F4-600 Series	1PW048	NONE	1.14%	2.27%	22.73%	47.73%	1.14%	2.27%	6.82%	15.91%	0.00%	100.00%
Airbus A300F4-600 Series	2GE039	NONE	6.56%	0.98%	24.59%	44.26%	0.66%	1.64%	15.41%	5.90%	0.00%	100.00%
Airbus A310-200 Series Freighter	5PW074	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Airbus A318-100 Series	7CM048	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Airbus A319-100 Series	1CM008	NONE	43.76%	2.23%	3.28%	28.78%	1.32%	0.63%	16.59%	3.41%	0.00%	100.00%
Airbus A320-200 Series	11A003	NONE	72.47%	2.02%	0.25%	8.08%	1.52%	0.51%	13.13%	2.02%	0.00%	100.00%
Airbus A320-200 Series	3CM026	NONE	69.53%	1.99%	1.22%	7.70%	3.78%	0.45%	12.51%	2.82%	0.00%	100.00%
Airbus A320-NEO	17CM082	NONE	61.00%	1.00%	1.00%	13.00%	4.00%	0.00%	16.00%	4.00%	0.00%	100.00%
Airbus A321-100 Series	2CM012	NONE	28.70%	2.24%	5.53%	41.13%	0.73%	0.69%	16.22%	4.75%	0.00%	100.00%
Airbus A330-200 Series	2RR022	NONE	63.97%	0.65%	0.08%	11.23%	4.93%	0.48%	17.61%	1.05%	0.00%	100.00%
Airbus A330-200 Series	3GE057	NONE	60.00%	0.00%	0.00%	5.00%	15.00%	0.00%	15.00%	5.00%	0.00%	100.00%
Airbus A330-300 Series	2RR022	NONE	77.78%	0.00%	0.00%	7.41%	6.17%	0.00%	8.64%	0.00%	0.00%	100.00%
Airbus A330-300 Series	3GE057	NONE	86.67%	0.00%	0.00%	6.67%	0.00%	0.00%	6.67%	0.00%	0.00%	100.00%
Airbus A340-300 Series	3CM020	NONE	66.67%	0.00%	0.00%	16.67%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Airbus A340-600 Series	6RR041	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Airbus A350-900 series	14RR071	NONE	25.00%	0.00%	0.00%	25.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	8RR046	NONE	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	33.33%	0.00%	0.00%	100.00%
Airbus A380-800 Series/Trent 970	9EA001	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Antonov 12 Cub	AI24VT	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Antonov 124 Ruslan	4RR036	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
ATR 42-200	PW120	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ATR 42-300	PW120	NONE	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	20.00%	20.00%	0.00%	100.00%
ATR 42-600	BIZHEAVYPROP_F	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
ATR 72-200	BIZHEAVYPROP	NONE	0.00%	0.00%	50.00%	33.33%	0.00%	0.00%	0.00%	16.67%	0.00%	100.00%
ATR 72-600	PW127F	NONE	50.00%	0.00%	0.00%	0.00%	25.00%	0.00%	25.00%	0.00%	0.00%	100.00%
BAE Jetstream 32	TPE12	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 707-300 Series	1CM001	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 717-200 Series	4BR002	NONE	80.22%	2.20%	1.10%	0.00%	9.89%	0.00%	3.30%	3.30%	0.00%	100.00%
Boeing 727-100 Series	1PW010	JT8D-7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 727-200 Series	1PW009	FDX	68.18%	0.00%	0.00%	15.91%	0.00%	4.55%	11.36%	0.00%	0.00%	100.00%
Boeing 737-200 Series	1PW009	AVA	25.00%	0.00%	25.00%	25.00%	0.00%	0.00%	25.00%	0.00%	0.00%	100.00%
Boeing 737-300 Series	CFM563	NONE	62.00%	0.00%	2.00%	15.00%	4.00%	2.00%	15.00%	0.00%	0.00%	100.00%
Boeing 737-400 Series	CFM563	NONE	69.55%	1.65%	1.65%	13.17%	5.35%	0.82%	7.00%	0.82%	0.00%	100.00%
Boeing 737-500 Series	8GE107	NONE	69.23%	0.00%	0.00%	0.00%	7.69%	7.69%	15.38%	0.00%	0.00%	100.00%
Boeing 737-600 Series	1CM007	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 737-700 Series	1CM007	NONE	70.42%	0.70%	1.41%	8.80%	4.58%	1.76%	9.86%	2.46%	0.00%	100.00%
Boeing 737-800 MAX	17CM083	NONE	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
Boeing 737-800 Series	1CM007	NONE	38.01%	2.39%	5.06%	32.40%	2.14%	0.39%	15.91%	3.71%	0.00%	100.00%
Boeing 737-900 Series	3CM029	NONE	69.90%	1.94%	0.28%	4.85%	4.02%	0.00%	16.37%	2.64%	0.00%	100.00%
Boeing 747-200 Series Freighter	3GE077	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Boeing 747-400 ER	1GE024	NONE	55.23%	0.47%	0.70%	20.35%	6.40%	0.00%	16.05%	0.81%	0.00%	100.00%
Boeing 747-400 Series Freighter	1GE024	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
7478	2GE045	NONE	57.31%	0.59%	0.00%	18.18%	7.51%	0.00%	16.21%	0.20%	0.00%	100.00%
Boeing 757-200 Series	1RR012	NONE	25.02%	0.97%	7.52%	42.07%	0.89%	0.45%	18.91%	4.17%	0.00%	100.00%
Boeing 757-200 Series	4PW072	NONE	53.91%	0.52%	0.78%	19.01%	4.43%	1.04%	18.49%	1.82%	0.00%	100.00%
Boeing 757-300 Series	2GE054	NONE	16.67%	0.00%	0.00%	66.67%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Boeing 767-200 Series	1GE010	NONE	63.25%	0.49%	0.49%	13.33%	5.69%	1.46%	13.98%	1.30%	0.00%	100.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boeing 767-200 Series	1PW032	NONE	63.41%	0.00%	0.00%	16.26%	3.25%	1.63%	13.01%	2.44%	0.00%	100.00%
Boeing 767-300 ER	1GE012	NONE	36.03%	0.84%	5.47%	32.98%	3.16%	0.75%	18.02%	2.76%	0.00%	100.00%
Boeing 767-400	8GE101	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing 777-200 Series	7GE097	NONE	18.78%	0.41%	3.43%	53.39%	1.37%	0.62%	20.29%	1.71%	0.00%	100.00%
Boeing 777-200-LR	7GE097	NONE	66.40%	0.79%	0.00%	9.79%	6.88%	0.00%	15.61%	0.53%	0.00%	100.00%
Boeing 777-300 ER	7GE099	NONE	35.62%	0.10%	0.88%	40.02%	2.64%	0.98%	18.40%	1.37%	0.00%	100.00%
Boeing 777-300 Series	7GE097	NONE	33.33%	0.00%	0.00%	33.33%	7.41%	0.00%	25.93%	0.00%	0.00%	100.00%
B787-8R	2GE048	NONE	76.00%	0.00%	0.00%	4.00%	4.00%	0.00%	12.00%	4.00%	0.00%	100.00%
Boeing 787-900 Dreamliner	11GE138	NONE	59.66%	0.21%	0.00%	14.08%	2.94%	0.84%	20.80%	1.47%	0.00%	100.00%
Boeing C-17A	F1171	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing DC-3	R1820	R1820-86	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing DC-8 Series 70	1CM001	NONE	83.33%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Boeing DC-9-10 Series	1PW004	ABS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing KC-135 Stratotanker	J57P42	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing MD-10-1 Freighter	1GE001	NONE	0.00%	0.00%	14.29%	57.14%	0.00%	0.00%	20.00%	8.57%	0.00%	100.00%
Boeing MD-10-30	1GE007	NONE	46.45%	1.09%	3.28%	21.86%	7.10%	0.55%	18.58%	1.09%	0.00%	100.00%
Boeing MD-11	12PW101	NONE	3.27%	0.65%	12.42%	45.10%	2.61%	0.00%	26.80%	9.15%	0.00%	100.00%
Boeing MD-11	1GE020	NONE	16.07%	1.79%	12.05%	51.34%	2.23%	0.45%	13.39%	2.68%	0.00%	100.00%
Boeing MD-81	1PW017	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing MD-82	1PW017	NONE	28.00%	0.00%	8.00%	36.00%	0.00%	0.00%	20.00%	8.00%	0.00%	100.00%
Boeing MD-83	4PW068	NONE	48.25%	0.88%	6.14%	28.95%	3.51%	0.00%	11.40%	0.88%	0.00%	100.00%
Boeing MD-87	1PW017	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Boeing MD-88	1PW017	NONE	67.28%	2.16%	0.31%	3.09%	7.10%	0.31%	16.67%	3.09%	0.00%	100.00%
Boeing MD-90	11A004	NONE	68.47%	4.50%	0.00%	1.80%	7.21%	0.90%	16.22%	0.90%	0.00%	100.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Boelkow BO-105	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bombardier Challenger 300	8HN001	NONE	1.22%	3.66%	25.61%	51.22%	0.00%	0.00%	12.20%	6.10%	0.00%	100.00%
Bombardier Challenger 600	1GE034	NONE	0.00%	1.12%	20.22%	55.06%	0.00%	0.00%	15.73%	7.87%	0.00%	100.00%
Bombardier CRJ-100	1GE035	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier CRJ-200	5GE084	NONE	33.33%	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier CRJ-700	5GE084	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier CRJ-900	6GE092	NONE	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier de Havilland Dash 8 Q200	BIZHEAVYPROP_F	NONE_GNR_VAR1	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Bombardier Global 5000 Business	4BR009	NONE	1.12%	1.12%	14.61%	55.06%	0.00%	0.00%	16.85%	11.24%	0.00%	100.00%
Bombardier Global Express	4BR008	NONE	2.33%	0.00%	18.60%	55.81%	0.00%	0.00%	16.28%	6.98%	0.00%	100.00%
Bombardier Learjet 25	CJ6106	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Bombardier Learjet 31	1AS001	NONE	0.00%	0.00%	50.00%	25.00%	0.00%	0.00%	12.50%	12.50%	0.00%	100.00%
Bombardier Learjet 35	1AS001	NONE	1.45%	1.45%	13.04%	54.35%	0.00%	0.72%	18.12%	10.87%	0.00%	100.00%
Bombardier Learjet 45	BIZMEDIUMJET_F	NONE	0.00%	0.00%	26.32%	42.11%	0.00%	0.00%	13.16%	18.42%	0.00%	100.00%
Bombardier Learjet 55	1AS002	NONE	0.00%	2.70%	22.97%	51.35%	0.00%	1.35%	14.86%	6.76%	0.00%	100.00%
Bombardier Learjet 60	BIZMEDIUMJET_F	NONE	0.00%	0.00%	10.81%	72.97%	0.00%	0.00%	8.11%	8.11%	0.00%	100.00%
Britten-Norman BN-2 Islander	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CASA 212-100 Series	PT6A28	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CASA CN-235-100	CT7-5	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 150 Series	O200	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 172 Skyhawk	O320	NONE	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	100.00%
Cessna 182	IO360	NONE	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 206	TIO540	IO-540-AC	33.33%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 208 Caravan	PT6A14	NONE	0.00%	16.67%	16.67%	50.00%	0.00%	0.00%	0.00%	16.67%	0.00%	100.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Cessna 210 Centurion	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 310	TIO540	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 340	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 402	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 404 Titan II	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 414	TIO540	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Cessna 421 Golden Eagle	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 441 Conquest II	TPE10	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cessna 500 Citation I	BIZLIGHTJET_F	NONE	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 501 Citation ISP	1PW035	NONE	0.00%	0.00%	57.14%	42.86%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 525A CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	66.67%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
Cessna 525B CitationJet	BIZLIGHTJET_F	NONE	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Cessna 525C CitationJet	BIZLIGHTJET	NONE	0.00%	0.00%	37.50%	25.00%	0.00%	0.00%	31.25%	6.25%	0.00%	100.00%
Cessna 550 Citation II	BIZLIGHTJET_F	NONE	1.79%	1.79%	16.07%	58.93%	0.00%	0.00%	12.50%	8.93%	0.00%	100.00%
Cessna 560 Citation Excel	1PW037	NONE	0.00%	0.00%	33.33%	38.89%	0.00%	0.00%	16.67%	11.11%	0.00%	100.00%
Cessna 560 Citation XLS	BIZLIGHTJET_F	NONE	0.00%	3.85%	11.54%	55.77%	0.00%	0.00%	19.23%	9.62%	0.00%	100.00%
Cessna 650 Citation III	TFE731	NONE	0.00%	0.00%	0.00%	83.33%	0.00%	0.00%	16.67%	0.00%	0.00%	100.00%
Cessna 680 Citation Sovereign	BIZLIGHTJET_F	NONE	2.78%	8.33%	19.44%	44.44%	0.00%	0.00%	19.44%	5.56%	0.00%	100.00%
Cessna 750 Citation X	4AL003	NONE	0.00%	0.00%	12.50%	53.13%	0.00%	0.00%	28.13%	6.25%	0.00%	100.00%
CESSNA CITATION 510	BIZLIGHTJET_F	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	100.00%
Cirrus SR20	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cirrus SR22	TIO540	NONE	0.00%	0.00%	60.00%	10.00%	0.00%	0.00%	20.00%	10.00%	0.00%	100.00%
Convair CV-240/T-29	R1820	NONE	0.00%	10.53%	10.53%	42.11%	10.53%	0.00%	15.79%	10.53%	0.00%	100.00%
Convair CV-580	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Dassault Falcon 10	1RR020	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Dassault Falcon 2000	CF700D	NONE	2.70%	2.70%	18.92%	56.76%	0.00%	0.00%	8.11%	10.81%	0.00%	100.00%
Dassault Falcon 20-C	CF700D	NONE	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Dassault Falcon 50	16PW114	NONE	0.00%	0.00%	22.22%	44.44%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
Dassault Falcon 900	TFE731	NONE	0.00%	0.00%	18.52%	48.15%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
Dornier 328 Jet	1TL004	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Dornier 328-100 Series	PW119B	NONE	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
EADS Socata TBM-700	PT6A60	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Eclipse 500 / PW610F	BIZLIGHTJET_F	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Embraer EMB120 Brasilia	PW118	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Embraer ERJ135	6AL012	NONE	0.00%	0.00%	25.00%	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	100.00%
Embraer ERJ145	4AL003	NONE	30.21%	6.25%	5.21%	26.04%	1.04%	5.21%	19.79%	6.25%	0.00%	100.00%
Embraer ERJ170	8GE107	NONE	46.63%	3.63%	5.18%	17.62%	3.63%	4.15%	5.70%	13.47%	0.00%	100.00%
Embraer ERJ175	6GE094	NONE	17.74%	4.84%	3.23%	39.52%	3.23%	0.00%	25.81%	5.65%	0.00%	100.00%
Embraer ERJ190	XCF10E	NONE	57.58%	3.03%	0.00%	15.15%	6.06%	3.03%	15.15%	0.00%	0.00%	100.00%
Embraer Legacy 450 (EMB-545)	14HN007	NONE	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Embraer Legacy 500 (EMB-550)	14HN008	NONE	1.67%	0.00%	36.67%	46.67%	0.00%	0.00%	6.67%	8.33%	0.00%	100.00%
EPIC LT/Dynasty	PT667A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Fairchild SA-226-T Merlin III	TPE10	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Fairchild SA-227-AC Metro III	PT6A45	NONE	0.00%	0.00%	28.57%	42.86%	14.29%	0.00%	0.00%	14.29%	0.00%	100.00%
Falcon 7X	8PW090	NONE	0.00%	0.00%	28.00%	52.00%	0.00%	0.00%	4.00%	16.00%	0.00%	100.00%
Falcon 8X	15PW109	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
GULFSTREAM AEROSPACE Gulfstream G650	11BR011	NONE	0.00%	0.00%	23.08%	57.69%	0.00%	0.00%	7.69%	11.54%	0.00%	100.00%
Gulfstream G150	BIZMEDIUMJET_F	NONE	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	20.00%	20.00%	0.00%	100.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Gulfstream G200	7PW077	NONE	0.00%	10.00%	20.00%	50.00%	0.00%	0.00%	20.00%	0.00%	0.00%	100.00%
Gulfstream G280	11HN005	NONE	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	50.00%	25.00%	0.00%	100.00%
Gulfstream G300	F1131	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gulfstream G450	6RR042	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gulfstream II-B	1RR016	NONE	0.00%	0.00%	40.00%	40.00%	0.00%	0.00%	20.00%	0.00%	0.00%	100.00%
Gulfstream IV-SP	6RR042	NONE	1.05%	0.00%	21.05%	58.95%	0.00%	0.00%	11.58%	7.37%	0.00%	100.00%
Gulfstream V-SP	3BR001	NONE	17.56%	5.33%	11.84%	44.25%	0.67%	1.14%	14.68%	4.52%	0.00%	100.00%
Hawker HS-125 Series 700	BIZMEDIUMJET_F	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Honda HA-420 Hondajet	BIZLIGHTJET_F	NONE	0.00%	0.00%	11.11%	33.33%	0.00%	0.00%	33.33%	22.22%	0.00%	100.00%
Ilyushin 76 Candid	1AA001	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Israel IAI-1124 Westwind I	CJ6106	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Israel IAI-1125 Astra	TFE731	NONE	0.00%	0.00%	14.29%	71.43%	0.00%	0.00%	14.29%	0.00%	0.00%	100.00%
Lancair 360	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Lockheed C-130 Hercules	T56A7	T56-A-7	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Lockheed Martin F-16 Fighting Falcon	F1101	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Lockheed P-3 Orion ANP:P3A	T56A14	T56-A-14	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Maule MT-7-235	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mitsubishi MU-2	TPE6	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mitsubishi MU-300 Diamond	1PW036	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Mooney M20-K	TSIO36	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Partenavia P.68 Victor	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piaggio P.180 Avanti	PT6A66	NONE	0.00%	0.00%	20.00%	80.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Pilatus PC-12	PT6A67	NONE	0.00%	0.00%	16.67%	50.00%	0.00%	0.00%	33.33%	0.00%	0.00%	100.00%
Piper PA-23 Apache/Aztec	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Piper PA-27 Aztec	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piper PA-28 Cherokee Series	IO320	O-320-D3G	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA-30 Twin Comanche	IO320	NONE	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Piper PA-31 Navajo	TIO540	NONE	0.00%	0.00%	33.33%	50.00%	0.00%	0.00%	0.00%	16.67%	0.00%	100.00%
Piper PA-31T Cheyenne	P6135A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piper PA-32 Cherokee Six	TIO540	NONE	0.00%	0.00%	33.33%	33.33%	0.00%	0.00%	0.00%	33.33%	0.00%	100.00%
Piper PA-34 Seneca	IO360	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	100.00%
Piper PA-42 Cheyenne Series	PT6A11	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Piper PA46-TP Meridian	PT6A42	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Aerostar PA-60	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%
Quest Kodiak 100	PT6A34	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Beech 1900-C	PT6A6B	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech 55 Baron	TIO540	TS10-520-L	0.00%	50.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Raytheon Beech 99	P6135A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon Beech Baron 58	TIO540	NONE	0.00%	7.14%	21.43%	50.00%	0.00%	0.00%	14.29%	7.14%	0.00%	100.00%
Raytheon Beech Bonanza 36	TIO540	NONE	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Raytheon Beechjet 400	BIZLIGHTJET_F	NONE	0.00%	3.23%	29.03%	29.03%	0.00%	0.00%	32.26%	6.45%	0.00%	100.00%
Raytheon Hawker 1000	7PW078	NONE	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	100.00%
Raytheon Hawker 4000 Horizon	7PW079	NONE	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	66.67%	0.00%	0.00%	100.00%
Raytheon Hawker 800	BIZMEDIUMJET_F	NONE	1.14%	5.68%	25.00%	47.73%	0.00%	0.00%	19.32%	1.14%	0.00%	100.00%
Raytheon King Air 100	PT6A28	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Raytheon King Air 90	P6135A	NONE	0.00%	0.00%	25.00%	37.50%	0.00%	0.00%	37.50%	0.00%	0.00%	100.00%
Raytheon Premier I	BIZLIGHTJET_F	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

2017 Night Arrival Runway Use Percentages

AEDT Airframe	Engine Code	Engine Mod Code	9	12	08L	08R	27	30	26L	26R	H1	Grand Total
Raytheon Super King Air 200	PT6A42	NONE	0.00%	10.34%	20.69%	55.17%	0.00%	3.45%	10.34%	0.00%	0.00%	100.00%
Raytheon Super King Air 300	PT660A	NONE	0.00%	7.14%	14.29%	71.43%	0.00%	0.00%	7.14%	0.00%	0.00%	100.00%
Rockwell Commander 500	TIO540	NONE	0.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Rockwell Commander 690	TPE1	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Rockwell Sabreliner 65	CF700D	NONE	0.00%	0.00%	14.29%	14.29%	0.00%	0.00%	71.43%	0.00%	0.00%	100.00%
Ryan Navion B	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Saab 340-A	CT7-5	NONE	0.00%	0.00%	31.03%	58.62%	0.00%	0.00%	10.34%	0.00%	0.00%	100.00%
Shorts 360-100 Series	PT6A6A	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
SOCATA TBM 850	PT6A66	NONE	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Aerospatiale SA-350D Astar (AS-350)	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Agusta A-109	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 206B-3	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 214B-1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 407 / Rolls-Royce 250-C47B	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 427	TPE1	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Bell 430	250B17	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC 120	PT6A27	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Eurocopter EC-130	TPE3	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Eurocopter EC-155B1	T400	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Robinson R22B	IO320	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Robinson R44 Raven / Lycoming O-540-F1B5	TIO540	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Sikorsky S-76C	T70070	NONE	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%
Grand Total			40.89%	1.49%	4.90%	29.47%	2.86%	0.61%	16.41%	3.18%	0.20%	100.00%

Note: Aircraft with a total of 0% means there were no nighttime arrivals recorded in 2017.

APPENDIX A-7

2017 Flight Track Utilization

2017 DEPARTURES FLIGHT TRACK UTILIZATION

Runway	Track ID	Day %	Night %
09	09D1	13.0%	1.7%
	09D2	0.3%	29.1%
	09D3	0.9%	31.8%
	09D4	0.6%	12.4%
	09D5	20.5%	9.0%
	09D6	64.8%	16.1%
Total		100.0%	100.0%
12	12D1	0.0%	28.8%
	12D2	1.4%	15.3%
	12D3	65.1%	7.2%
	12D4	0.0%	44.1%
	12D5	23.9%	1.8%
	12D6	6.3%	1.8%
	12D7	3.3%	0.9%
Total		100.0%	100.0%
27	27D1	12.9%	25.5%
	27D2	30.1%	4.5%
	27D3	56.2%	70.0%
	27D4	0.8%	0.0%
Total		100.0%	100.0%
30	30D1	8.8%	8.8%
	30D2	82.4%	82.4%
	30D3	8.8%	8.8%
Total		100.0%	100.0%

2017 ARRIVALS FLIGHT TRACK UTILIZATION

Runway	Track ID	Day %	Night %
09	09A1	48.0%	51.4%
	09A2	0.5%	0.1%
	09A3	1.6%	8.3%
	09A4	4.6%	1.1%
	09A5	45.3%	39.0%
Total		100.0%	100.0%
12	12A1	73.4%	67.1%
	12A2	24.5%	23.7%
	12A3	1.9%	0.0%
	12A4	0.2%	9.2%
Total		100.0%	100.0%
27	27A1	58.1%	46.7%
	27A2	7.8%	5.3%
	27A3	34.1%	48.0%
Total		100.0%	100.0%
30	30A1	1.1%	21.3%
	30A2	27.7%	23.4%
	30A3	44.6%	45.7%
	30A4	26.7%	9.6%
Total		100.0%	100.0%
08L	08LA1	37.4%	16.2%
	08LA2	27.2%	56.8%
	08LA3	7.6%	18.9%
	08LA4	12.3%	0.0%

2017 DEPARTURES FLIGHT TRACK UTILIZATION

Runway	Track ID	Day %	Night %
08L	08LD1	5.1%	7.1%
	08LD2	54.2%	64.3%
	08LD3	12.0%	7.1%
	08LD4	8.6%	0.0%
	08LD5	20.2%	21.4%
Total		100.0%	100.0%
08R	08RD1	35.1%	52.6%
	08RD2	1.5%	0.2%
	08RD3	62.0%	41.2%
	08RD4	0.2%	0.5%
	08RD5	0.1%	3.9%
	08RD6	0.7%	0.2%
	08RD7	0.1%	0.3%
	08RD8	0.4%	1.1%
Total		100.0%	100.0%
26L	26LD1	0.5%	1.9%
	26LD2	53.8%	8.4%
	26LD3	14.7%	30.4%
	26LD4	1.0%	0.5%
	26LD5	30.1%	58.9%
Total		100.0%	100.0%
26R	26RD1	41.2%	9.1%
	26RD2	8.6%	72.7%
	26RD3	9.5%	0.0%

2017 ARRIVALS FLIGHT TRACK UTILIZATION

Runway	Track ID	Day %	Night %
Total	08LA5	15.6%	8.1%
		100.0%	100.0%
08R	08RA1	38.5%	36.8%
	08RA2	9.7%	0.8%
	08RA3	17.9%	21.9%
	08RA4	27.7%	39.4%
	08RA5	6.2%	1.2%
Total		100.0%	100.0%
26L	26LA1	81.2%	53.7%
	26LA2	14.5%	26.1%
	26LA3	1.3%	19.6%
	26LA4	3.0%	0.6%
Total		100.0%	100.0%
26R	26RA1	64.4%	41.9%
	26RA2	29.5%	48.4%
	26RA3	1.8%	9.7%
	26RA4	4.3%	0.0%
Total		100.0%	100.0%
H1	H1A1	38.5%	40.0%
	H1A2	8.2%	20.1%
	H1A3	22.0%	0.0%
	H1A4	31.2%	40.0%
Total		100.0%	100.0%

2017 DEPARTURES FLIGHT TRACK UTILIZATION

Runway	Track ID	Day %	Night %
	26RD4	23.0%	18.2%
	26RD5	17.8%	0.0%
Total		100.0%	100.0%
	H1D1	41.0%	49.9%
	H1D2	11.5%	0.0%
H1	H1D3	26.2%	25.0%
	H1D4	21.3%	25.0%
Total		100.0%	100.0%

2017 ARRIVALS FLIGHT TRACK UTILIZATION

Runway	Track ID	Day %	Night %
--------	----------	-------	---------

APPENDIX A-8

2017 Flight Track Dispersion Percentages

2017 Flight Track Dispersion Percentages

Arrival Track Dispersion Percentages								Departure Track Dispersion Percentages								
Runway	Track ID	0	1	2	3	4	Total	RWY_ID	TRK_ID1	0	1	2	3	4	6	Total
08L	08LA1	30%	30%	30%	5%	5%	100%	08L	08LD1	34%	33%	33%				100%
	08LA2	20%	20%	20%	20%	20%	100%		08LD2	20%	15%	20%	15%	15%	15%	100%
	08LA3	50%	25%	25%			100%		08LD3	50%	20%	25%	5%			100%
	08LA4	40%	20%	20%	10%	10%	100%		08LD4	40%	30%	30%				100%
	08LA5	50%	30%	5%	10%	5%	100%		08LD5	30%	30%	30%	5%	5%		100%
08R	08RA1	30%	20%	20%	15%	15%	100%	08R	08RD1	30%	30%	30%	5%	5%		100%
	08RA2	34%	33%	33%			100%		08RD2	34%	33%	33%				100%
	08RA3	20%	20%	20%	20%	20%	100%		08RD3	20%	20%	20%	10%	20%	10%	100%
	08RA4	25%	50%	25%			100%		08RD4	40%	30%	30%				100%
	08RA5	34%	33%	33%			100%		08RD5	40%	25%	25%	5%	5%		100%
09	09A1	60%	30%	10%			100%	09	08RD6	34%	33%	33%				100%
	09A2	34%	33%	33%			100%		08RD7	34%	33%	33%				100%
	09A3	30%	25%	25%	10%	10%	100%		08RD8	34%	33%	33%				100%
	09A4	30%	25%	25%	10%	10%	100%		09D1	40%	30%	30%				100%
	09A5	30%	30%	30%	5%	5%	100%		09D2	34%	33%	33%				100%
12	12A1	30%	30%	30%	5%	5%	100%	12	09D3	34%	33%	33%				100%
	12A2	34%	33%	33%			100%		09D4	34%	33%	33%				100%
	12A3	34%	33%	33%			100%		09D5	70%	10%	10%	10%			100%
	12A4	34%	33%	33%			100%		09D6	34%	33%	33%				100%
26L	26LA1	70%	5%	25%			100%	12	12D1	34%	33%	33%				100%
	26LA2	34%	33%	33%			100%		12D2	34%	33%	33%				100%
	26LA3	20%	20%	20%	20%	20%	100%		12D3	34%	33%	33%				100%
	26LA4	34%	33%	33%			100%		12D4	34%	33%	33%				100%
26R	26RA1	70%	5%	25%			100%		12D5	34%	33%	33%				100%

2017 Flight Track Dispersion Percentages

Runway	Arrival Track Dispersion Percentages						RWY_ID	Departure Track Dispersion Percentages							
	Track ID	0	1	2	3	4		Total	TRK_ID1	0	1	2	3	4	6
27	26RA2	34%	33%	33%			100%	26L	12D6	34%	33%	33%			100%
	26RA3	34%	33%	33%			100%		12D7	34%	33%	33%			100%
	26RA4	34%	33%	33%			100%		26LD1	34%	33%	33%			100%
	27A1	70%	10%	10%	10%		100%		26LD2	30%	30%	30%	5%	5%	100%
30	27A2	50%	25%	25%			100%	26R	26LD3	30%	30%	30%	5%	5%	100%
	27A3	20%	20%	20%	20%	20%	100%		26LD4	34%	33%	33%			100%
	30A1	34%	33%	33%			100%		26LD5	30%	25%	25%	10%	10%	100%
H1	30A2	30%	30%	30%	5%	5%	100%	27	26RD1	40%	10%	40%		10%	100%
	30A3	34%	33%	33%			100%		26RD2	40%	40%	20%			100%
	30A4	40%	20%	20%	10%	10%	100%		26RD3	40%	40%	20%			100%
	H1A1	100%					100%		26RD4	50%	25%	25%			100%
H1	H1A2	100%					100%	30	26RD5	50%	25%	25%			100%
	H1A3	100%					100%		27D1	30%	25%	25%	10%	10%	100%
	H1A4	100%					100%		27D2	30%	30%	30%	5%	5%	100%
									27D3	20%	20%	20%	20%	20%	100%
							H1	27D4	34%	33%	33%			100%	
								30D1	34%	33%	33%			100%	
								30D2	34%	33%	33%			100%	
							H1	30D3	34%	33%	33%			100%	
								H1D1	100%					100%	
								H1D2	100%					100%	
								H1D3	100%					100%	
								H1D4	100%					100%	