

Select a page :

**Summary**

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Aug-21

# Summary (Preview)

August  
2021

Preview

---

LTOP

---

Mode Usage

### Total Runway Movements

2021		2020	
Aug-21	Jul-21	Aug-20	Jul-20
<b>5,551</b>	<b>7,227</b>	<b>6,060</b>	<b>7,607</b>
Total	Total	Total	Total
<b>179</b>	<b>233</b>	<b>195</b>	<b>245</b>
Daily Avg	Daily Avg	Daily Avg	Daily Avg

### Runway End Impact LTOP Targets

Long Term Operating Plan

The two fundamental factors which influence the selection of a runway and therefore the LTOP targets are forecast or prevailing weather and traffic levels

	LTOP Target		Aug-21		Jul-21
North	17%	▲	20.00%	▼	21.16%
South	55%	▲	55.76%	▲	54.02%
East	13%	▲	18.68%	▼	21.25%
West	15%	▼	5.55%	▲	3.54%

▼▲ LTOP Target VS Aug-21     
 ▼▲ Aug-21 VS Jul-21

### Mode Utilization

Number of days individual mode used in excess of 9 hours

22

Airport Mode	Days
Mode 9	9
SODPROPS	6
Mode 5	3
Mode 13	3
Mode 10	1

57.19%

Usage of LTOP runway modes on non-curfew hours

### 16 PRM Operations

Precision Runway Monitor

Days procedure used

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

ATIS time

0
0

hours      minutes

If you have questions about this report please contact:  
**Noise Complaints and Information Service**  
 Noise Complaint, enquiry and Feedback Form:  
<https://www.airservicesaustralia.com/community/environment/aircraft-noise/about-making-a-complaint/>  
 Web: <http://www.airservicesaustralia.com/aircraftnoise/>

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Aug-21

# Summary (LTOP)

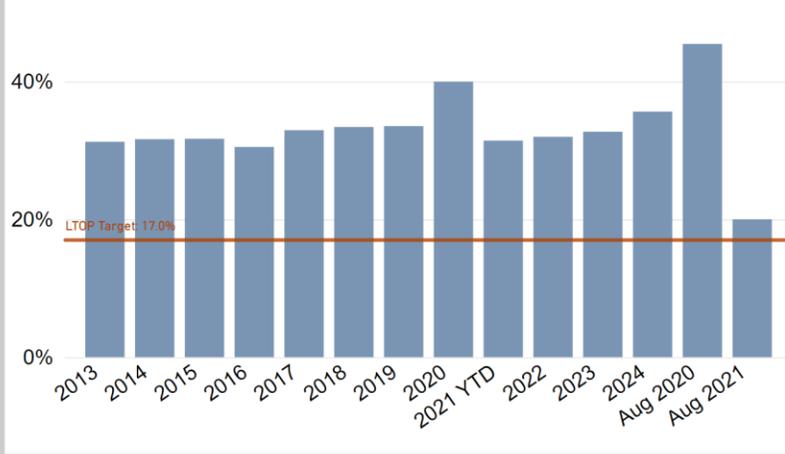
August 2021

Preview

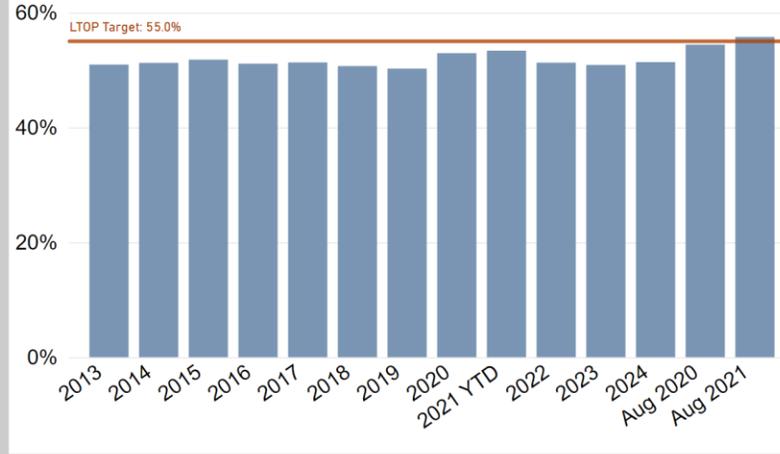
LTOP

Mode Usage

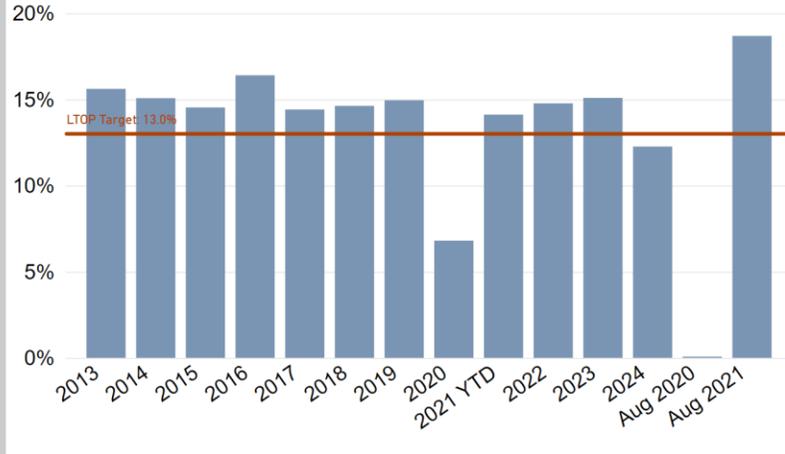
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



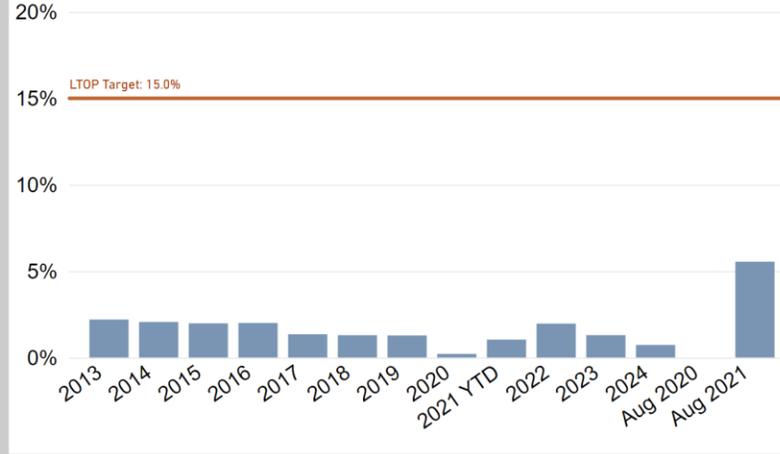
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



### Eastern runway end impact (07 and 34R departures plus 25 arrivals)



### Western runway end impact (07 arrivals plus 25 departures)





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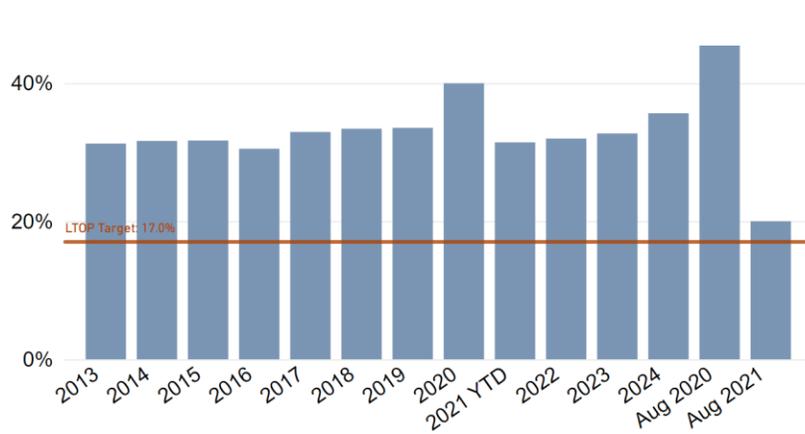
Aug-21



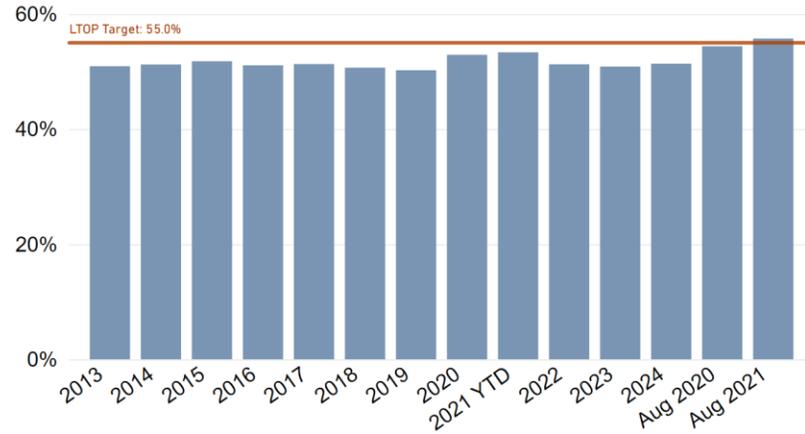
# LTOP Targets

August 2021

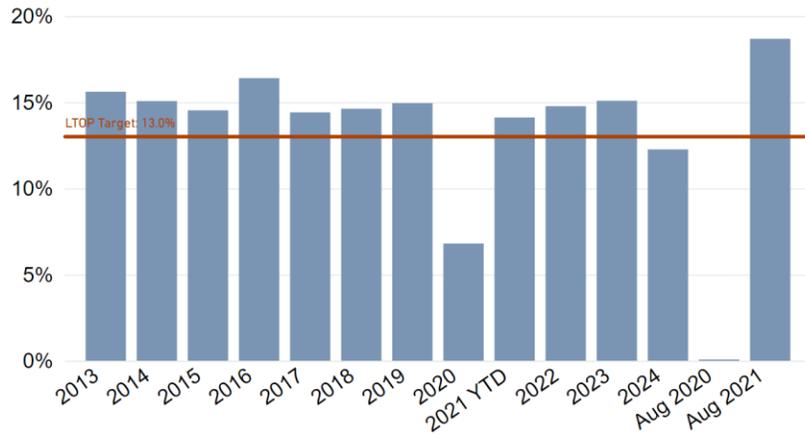
Northern runway end impact (16L and 16R arrivals plus 34L departures)



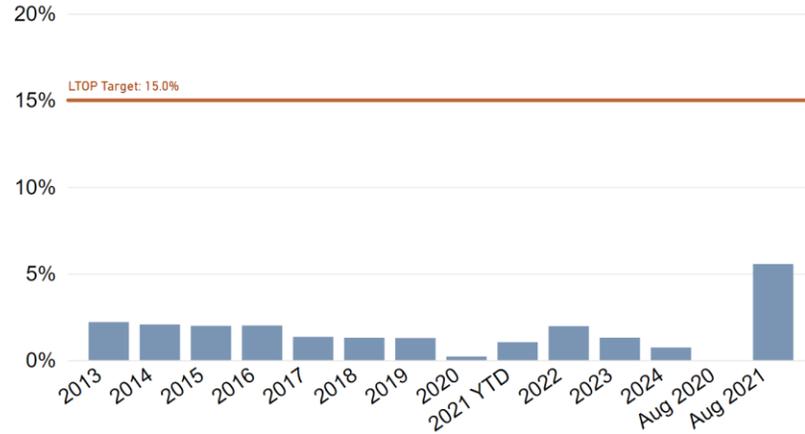
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



Eastern runway end impact (07 and 34R departures plus 25 arrivals)



Western runway end impact (07 arrivals plus 25 departures)



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Select a type :

All

# Operations by direction

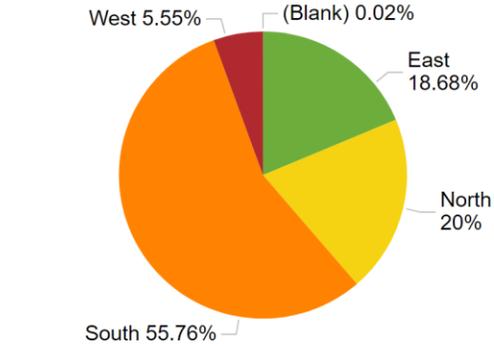
August 2021

## Operations by day, direction and runway

Sector	Date	Total	East			North			South				West			Total	
			25 A	34R D	Total	16L A	34L D	Total	16L D	16R D	34L A	34R A	Total	07 A	25 D		Total
8/1/2021			25	15	40	28	12	40	10	34	19	3	66		9	9	155
8/2/2021				37	37		58	58	4	5	84	11	104	2		2	201
8/3/2021	1	1	36	23	59		29	29	2	31	53		86		12	12	187
8/4/2021			43	9	52		29	29		21	38	5	64		38	38	183
8/5/2021			68	7	75		5	5	16	83	24		123				203
8/6/2021			7		7		34	34	40	25	89		154	1	2	3	198
8/7/2021			20	3	23		23	23	24	28	47	2	101	2	1	3	150
8/8/2021			11		11	35		35	10	62	6	1	79	17		17	142
8/9/2021				36	36		61	61		10	88	10	108		1	1	206
8/10/2021				36	36		47	47		26	89	4	119				202
8/11/2021				23	23		55	55		19	89		108				186
8/12/2021			26	6	32		22	22	25	66	42		133	29		29	216
8/13/2021				6	6		50	50	31	16	98	3	148		3	3	207
8/14/2021							45	45	38	3	70		111	4	1	5	161
8/15/2021			13	12	25		33	33	6	12	44		62	1		1	121
8/16/2021			44	17	61		33	33	9	27	50	3	89		18	18	201
8/17/2021			40		40		13	13	21	70	31		122	23	1	24	199
8/18/2021				4	4		51	51	24	21	87	1	133	1		1	189
8/19/2021				6	6		39	39	29	28	63	1	121	21		21	187
8/20/2021				19	19		59	59	11	11	89	4	115	2		2	195
8/21/2021				16	16		44	44	4		55	3	62				122
8/22/2021				17	17		45	45	4		66		70				132
8/23/2021				30	30	2	54	56		11	83	7	101				187
8/24/2021			61		61	14	4	18		22	4		26		61	61	166
8/25/2021			80		80	4		4	2	45	2		49		51	51	184
8/26/2021			69		69		13	13	32	69	28		129	2	2	4	215
8/27/2021			29	27	56		43	43	8	31	73	1	113				212
8/28/2021			52		52				16	55	5	1	77		2	2	131
8/29/2021			14	11	25		31	31	17	8	50	3	78	1		1	135
8/30/2021			5	7	12		45	45	31	14	83	5	133				190
8/31/2021				27	27		50	50	5	18	83	5	111				188
<b>Total</b>	<b>1</b>	<b>1</b>	<b>643</b>	<b>394</b>	<b>1,037</b>	<b>83</b>	<b>1,027</b>	<b>1,110</b>	<b>419</b>	<b>871</b>	<b>1,732</b>	<b>73</b>	<b>3,095</b>	<b>106</b>	<b>202</b>	<b>308</b>	<b>5,551</b>

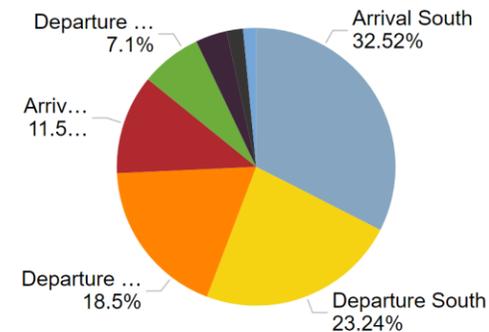
## Total operations by compass direction

(Blank) East North South West



## Arrivals/departures by direction

Arrival ... Depart... Depart... Arriv...



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All

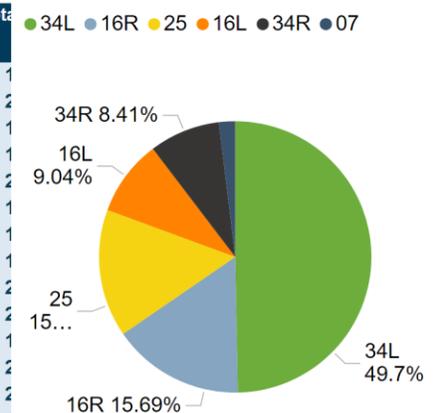
# Runway use summary

August 2021

Operations by day and runway

Runway	07		16L			16R			25			34L			34R			Total	
	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total		
8/1/2021					28	10	38	34	34	25	9	34	19	12	31	3	15	18	1
8/2/2021			2	2		4	4	5	5				84	58	142	11	37	48	2
8/3/2021	1	1				2	2	31	31	36	12	48	53	29	82		23	23	1
8/4/2021								21	21	43	38	81	38	29	67	5	9	14	1
8/5/2021						16	16	83	83	68		68	24	5	29		7	7	2
8/6/2021			1	1		40	40	25	25	7	2	9	89	34	123				1
8/7/2021			2	2		24	24	28	28	20	1	21	47	23	70	2	3	5	1
8/8/2021			17	17	35	10	45	62	62	11		11	6		6	1		1	1
8/9/2021								10	10		1	1	88	61	149	10	36	46	2
8/10/2021								26	26				89	47	136	4	36	40	2
8/11/2021								19	19				89	55	144		23	23	1
8/12/2021			29	29		25	25	66	66	26		26	42	22	64		6	6	2
8/13/2021						31	31	16	16		3	3	98	50	148	3	6	9	2
8/14/2021			4	4		38	38	3	3		1	1	70	45	115				1
8/15/2021			1	1		6	6	12	12	13		13	44	33	77		12	12	1
8/16/2021						9	9	27	27	44	18	62	50	33	83	3	17	20	2
8/17/2021			23	23		21	21	70	70	40	1	41	31	13	44				1
8/18/2021			1	1		24	24	21	21				87	51	138	1	4	5	1
8/19/2021			21	21		29	29	28	28				63	39	102	1	6	7	1
8/20/2021			2	2		11	11	11	11				89	59	148	4	19	23	1
8/21/2021						4	4						55	44	99	3	16	19	1
8/22/2021						4	4						66	45	111		17	17	1
8/23/2021					2		2	11	11				83	54	137	7	30	37	1
8/24/2021					14		14	22	22	61	61	122	4	4	8				1
8/25/2021					4	2	6	45	45	80	51	131	2		2				1
8/26/2021			2	2		32	32	69	69	69	2	71	28	13	41				2
8/27/2021						8	8	31	31	29		29	73	43	116	1	27	28	2
8/28/2021						16	16	55	55	52	2	54	5		5	1		1	1
8/29/2021			1	1		17	17	8	8	14		14	50	31	81	3	11	14	1
8/30/2021						31	31	14	14	5		5	83	45	128	5	7	12	1
8/31/2021						5	5	18	18				83	50	133	5	27	32	1
<b>Total</b>	<b>1</b>	<b>1</b>	<b>106</b>	<b>106</b>	<b>83</b>	<b>419</b>	<b>502</b>	<b>871</b>	<b>871</b>	<b>643</b>	<b>202</b>	<b>845</b>	<b>1,732</b>	<b>1,027</b>	<b>2,759</b>	<b>73</b>	<b>394</b>	<b>467</b>	<b>5,5</b>

Operations by runway



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# Hourly movement summary

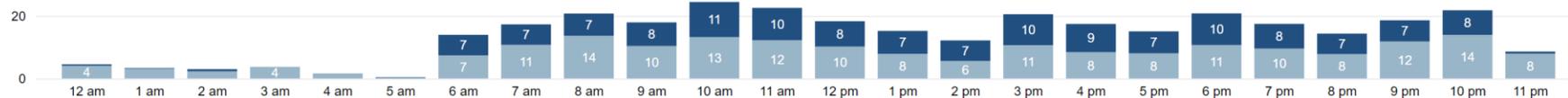
August 2021

## Operations by hour of day

Date	12 am	1 am	2 am	3 am	4 am	5 am	6 am	7 am	8 am	9 am	10 am	11 am	12 pm	1 pm	2 pm	3 pm	4 pm	5 pm	6 pm	7 pm	8 pm	9 pm	10 pm	11 pm	Total
8/1/2021							9	4	2	15	15	8	5	12	7	11	11	13	13	9	9	7	5		155
8/2/2021	1						6	14	18	13	18	18	9	11	4	11	6	9	13	7	4	14	17	8	201
8/3/2021	5	4	3	6	1		6	9	10	9	17	6	11	9	7	6	5	6	10	10	10	14	13	10	187
8/4/2021	3	7	1	7	1		7	15	11	7	11	12	6	1	8	10	6	3	14	8	6	12	17	10	183
8/5/2021	5	8	3	2	3		6	11	13	10	12	12	10	8	6	8	11	8	10	11	7	11	18	10	203
8/6/2021	6	7	3	7	1		6	13	9	17	11	10	10	7	6	13	12	10	14	17	6	8	5		198
8/7/2021			1			2	6	6	11	3	11	11	13	5	9	8	10	7	10	12	8	5	12		150
8/8/2021	1		1				6	7	9	4	11	13	11	5	9	10	8	6	10	9	9	6	7		142
8/9/2021		1					6	10	19	12	14	15	16	7	10	10	9	10	11	8	11	12	15	10	206
8/10/2021	7	4	2	6	3		11	8	13	8	10	13	9	7	5	8	7	6	11	7	10	16	18	13	202
8/11/2021	6	4	2	4	2		7	15	12	9	11	11	6	6	4	13	8	5	12	8	7	13	15	6	186
8/12/2021	5		5	8	2	1	8	14	13	12	15	16	13	9	4	12	9	10	8	8	7	11	13	13	216
8/13/2021	10	2	4	6	1		6	10	11	13	9	13	11	14	8	19	5	16	15	12	7	10	5		207
8/14/2021			1				8	10	10	9	14	14	8	8	9	11	11	6	9	5	6	11	10	1	161
8/15/2021			2				8	6	4	9	8	8	7	7	6	9	7	4	8	8	6	6	6	2	121
8/16/2021	1			3	2		7	13	16	11	19	13	10	10	5	10	9	8	13	6	9	8	16	12	201
8/17/2021	4	6	4	5	2	1	8	11	18	7	12	11	11	9	3	7	7	9	7	10	7	18	14	8	199
8/18/2021	5	3	5	2	4		11	11	13	11	15	12	6	6	5	10	8	4	10	7	7	11	14	9	189
8/19/2021	5	2	5	4	2		6	3	6	9	10	10	11	5	7	11	11	13	9	12	8	12	18	8	187
8/20/2021	4	3	3	8			5	10	14	8	13	13	9	7	8	14	15	10	11	15	10	9	5	1	195
8/21/2021		1					3	9	7	7	9	8	6	7	4	14	8	6	10	4	6	7	6		122
8/22/2021							6	7	3	6	9	13	11	8	4	11	9	7	10	9	5	6	8		132
8/23/2021			1		1	1	5	12	18	13	14	16	12	9	5	8	6	8	10	7	7	10	13	11	187
8/24/2021	2	4		1			11	5	14	10	14	6	11	6	3	8	7	2	9	8	10	10	13	12	166
8/25/2021	4	7	1				10	12	11	8	14	12	6	10	3	10	7	3	10	8	12	11	19	6	184
8/26/2021	6	2	4	4	2		9	10	15	11	6	13	15	9	6	12	9	11	10	11	8	15	19	8	215
8/27/2021	7	2	4	4	2		8	10	16	12	16	13	7	11	8	18	11	8	14	17	5	10	9		212
8/28/2021	2		1		1		6	5	9	6	13	9	4	5	6	7	7	5	13	6	7	8	9	2	131
8/29/2021	1	1					7	5	9	9	11	9	8	9	5	8	10	9	8	9	3	5	8	1	135
8/30/2021							6	14	14	9	16	18	16	7	2	9	13	10	7	8	7	11	14	9	190
8/31/2021	4	3	1	5	2		8	7	17	10	15	7	10	6	7	8	5	9	8	6	7	15	17	11	188
<b>Total</b>	<b>94</b>	<b>71</b>	<b>57</b>	<b>82</b>	<b>32</b>	<b>5</b>	<b>222</b>	<b>296</b>	<b>365</b>	<b>297</b>	<b>393</b>	<b>363</b>	<b>298</b>	<b>240</b>	<b>183</b>	<b>324</b>	<b>267</b>	<b>241</b>	<b>327</b>	<b>282</b>	<b>231</b>	<b>322</b>	<b>378</b>	<b>181</b>	<b>5,551</b>

## Average daily operations by hour of day

● Weekday ● Weekend



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# Mode utilization summary

August 2021

## Duration of mode use

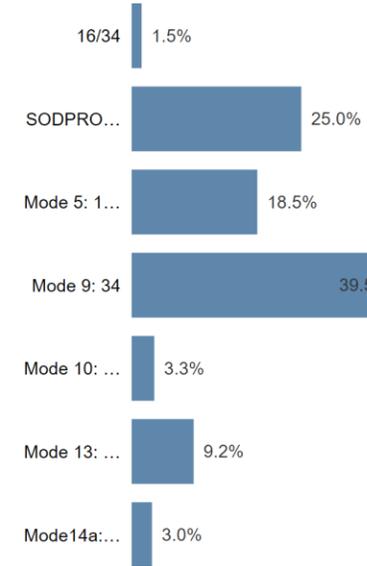
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
8/1/2021	07:00	00:23	03:25	02:21		03:13	05:23		02:15			24:00
8/2/2021	07:00	00:15	02:09			14:36						24:00
8/3/2021	07:00	00:21		03:19		08:57			04:23			24:00
8/4/2021	07:00	00:14				05:38			11:08			24:00
8/5/2021	07:00	00:15		13:60		02:45						24:00
8/6/2021	07:00	00:26	13:59	02:35								24:00
8/7/2021	07:00	00:19	07:46	05:17		03:38						24:00
8/8/2021	07:00	00:27	00:04	03:12		01:09	09:04			03:04		24:00
8/9/2021	07:00	00:14				16:46						24:00
8/10/2021	07:00	00:23				16:37						24:00
8/11/2021	07:00	00:18				16:42						24:00
8/12/2021	07:00	00:04	02:49	06:08		02:28				05:31		24:00
8/13/2021	07:00	00:11	14:16			02:33						24:00
8/14/2021	07:00	00:21	16:39									24:00
8/15/2021	07:00	00:20	03:04	07:06		06:31						24:00
8/16/2021	07:00	00:17	02:06	03:05		06:44			04:49			24:00
8/17/2021	07:00	00:14	03:30	08:49		00:39				03:48		24:00
8/18/2021	07:00	00:11	15:04			01:45						24:00
8/19/2021	07:00	00:21	09:06			04:06				03:28		24:00
8/20/2021	07:00	00:14	03:48			12:58						24:00
8/21/2021	07:00	00:13	01:54			14:53						24:00
8/22/2021	07:00	00:20	03:18			13:22						24:00
8/23/2021	07:00	00:07				16:43	00:10					24:00
8/24/2021	07:00	00:11					02:25		14:24			24:00
8/25/2021	07:00	00:13		04:57			00:35		11:15			24:00
8/26/2021	07:00	00:05	04:09	12:46								24:00
8/27/2021	07:00	00:17	04:15	03:55		08:50						24:00
8/28/2021	07:00	00:17	00:23	16:20								24:00
8/29/2021	07:00	00:12	08:57	02:39		05:12						24:00
8/30/2021	07:00	00:15	10:04	01:14		05:27						24:00
8/31/2021	07:00	00:04	01:08			15:48						24:00
<b>Total</b>	<b>217:00</b>	<b>07:45</b>	<b>131:53</b>	<b>97:42</b>		<b>208:00</b>	<b>17:36</b>		<b>48:14</b>	<b>15:50</b>		<b>744:00</b>

## Days with a mode used in excess of 9 hours

22 Any Mode      9 Mode 9      1 Mode 10

22 At any time      20 6am &/or 10pm

## Summary



## Cumulative mode utilisation for year to date

Cumulative Mode Usage Label	16/34	SODPROPS	Mode 5	Mode 7	Mode 9	Mode 10	Mode 12	Mode 13	Mode 14a
Movements	0.6%	7.4%	2.7%		44.2%	43.1%		1.7%	0.3%
Time	1.6%	9.9%	5.4%		42.9%	36.7%		2.9%	0.6%

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Select a page :

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Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Aug-21



# Runway 16 Precision Runway Monitor operations

August  
2021

Date	Start Time	End Time	Duration
------	------------	----------	----------

PRM arrivals by Aircraft type

Number of flights

Date	16L	16R	Total
Total			

Hours used per day

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

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Select a month :

Aug-21

# Runway 34 departures maintaining heading

August  
2021

1,027

Flights departing from runway 34L

39

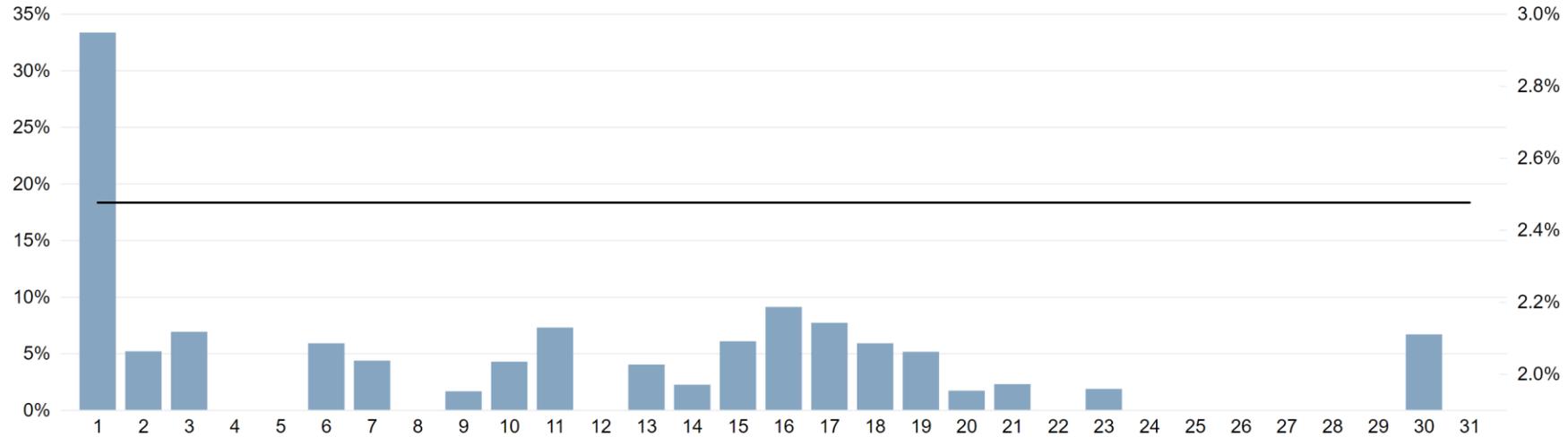
Flights maintaining runway heading

3.80%

34L departures maintaining runway heading

34L departures maintaining runway heading by day of month

● Percentage of 34L departures maintaining runway heading ● 13 months percentage



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Select a page :

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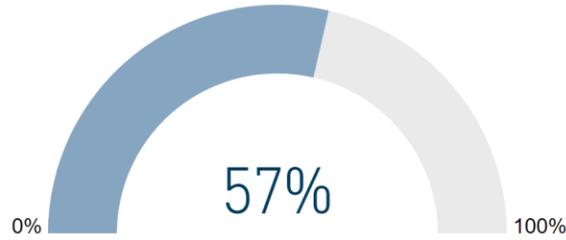
Select a month :

Aug-21

# Noise sharing during non-peak hours

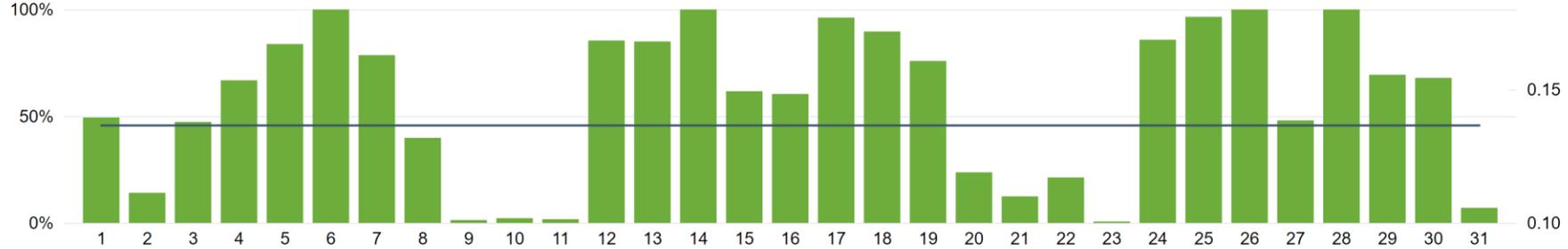
August 2021

Noise sharing time by month



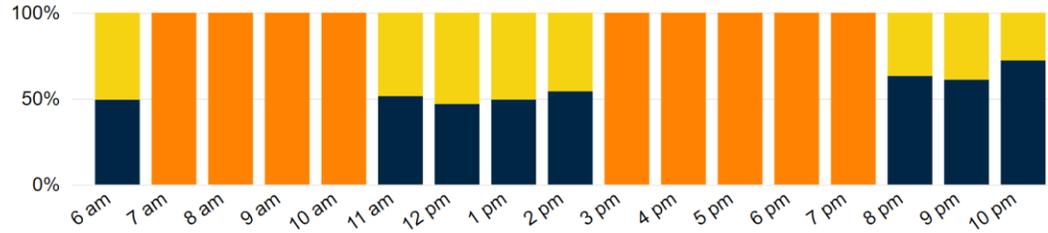
By day

● Noise Sharing Time — Average last 13 months

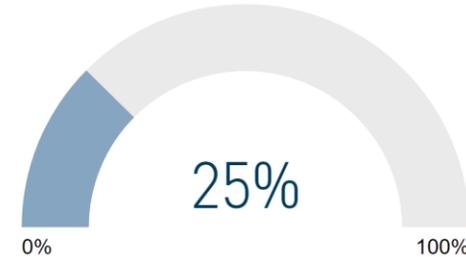


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



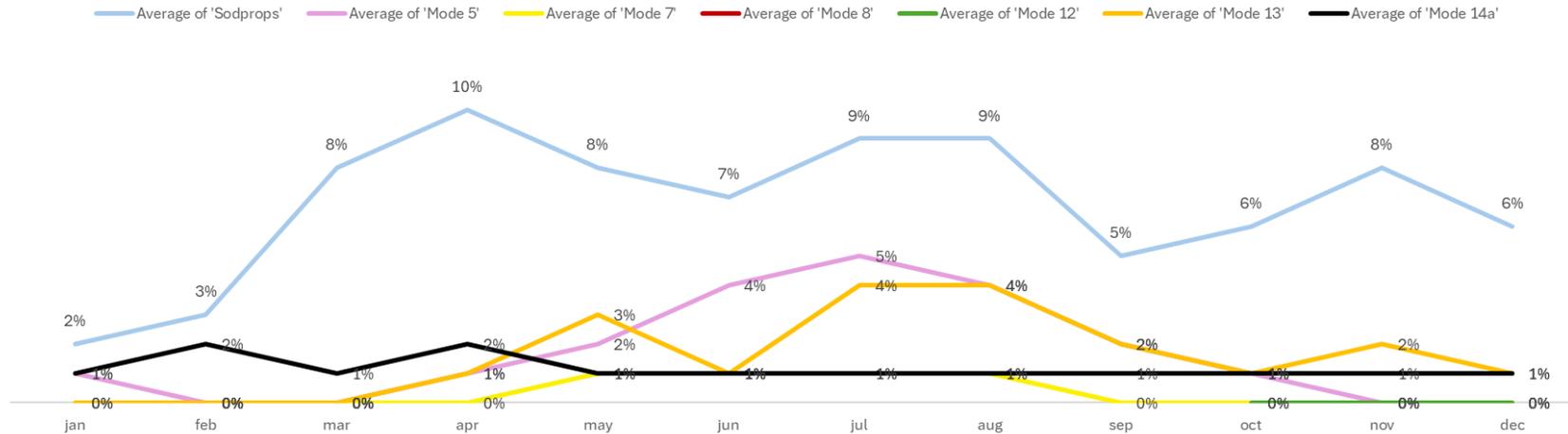
**Note :**

- Noise sharing is used outside the curfew and peak periods when weather conditions and flight numbers permit.
- If traffic volumes are high, peak periods may extend beyond the hours shown.
- Non-peak periods are defined as 6am-7am, 11am-3pm and 8pm-11pm.

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# Seasonal variation in mode use

Average percentage of time using noise sharing modes from 2015 to current month



Average percentage of time using parallel modes from 2015 to current month

