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Noise sharing

Seasonal mode

Select a month :

Oct-20

# Summary (Preview)

October  
2020

Preview

LTOP

Mode Usage

### Total Runway Movements

2020		2019	
Oct-20	Sep-20	Oct-19	Sep-19
7,290	6,050	29,357	27,773
Total	Total	Total	Total
235	202	947	926
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		Oct-20		Sep-20
North	17%	▲	44.73%	▼	44.83%
South	55%	▼	54.99%	▲	54.99%
East	13%	▼	0.10%	▲	0.02%
West	15%	▼	0.00%	▼	0.00%

▼▲ LTOP Target VS Oct-20     
 ▲▼ Oct-20 VS Sep-20

### Mode Utilization

Number of days individual mode used in excess of 9 hours

31

Airport Mode	Days
Mode 10	17
Mode 9	14

2.18%

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

hours

0

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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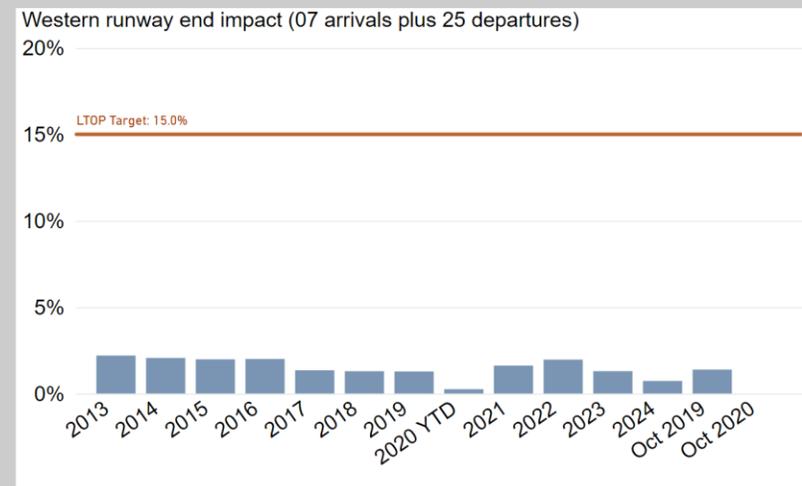
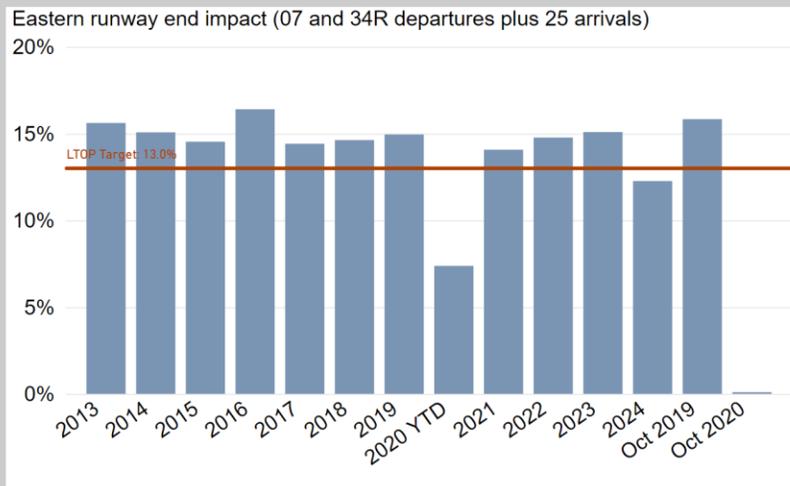
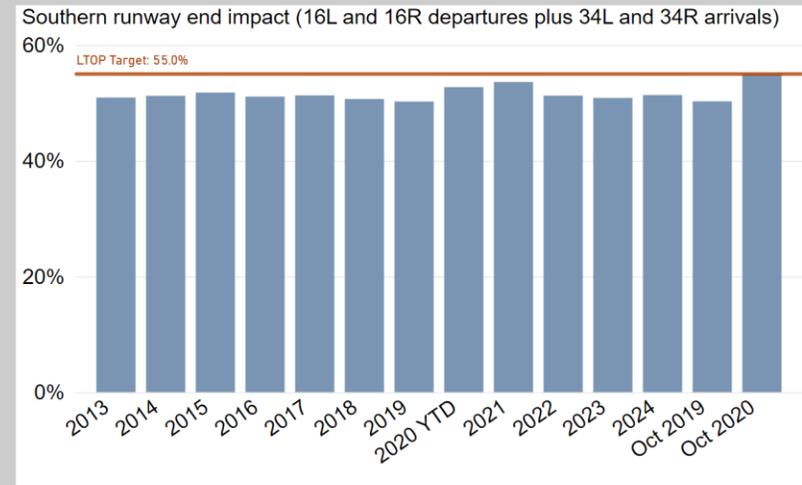
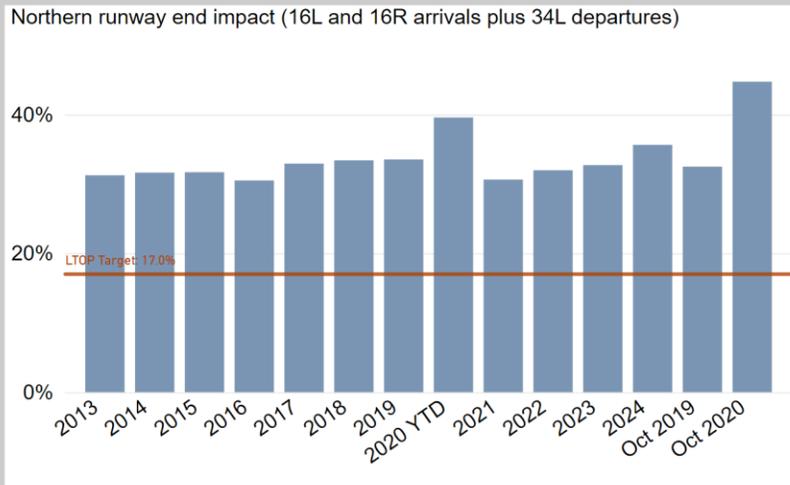
# Summary (LTOP)

October  
2020

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Mode Usage





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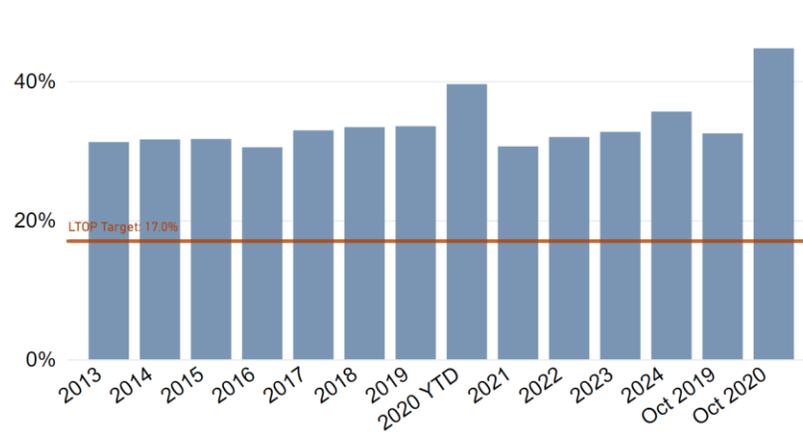
Oct-20



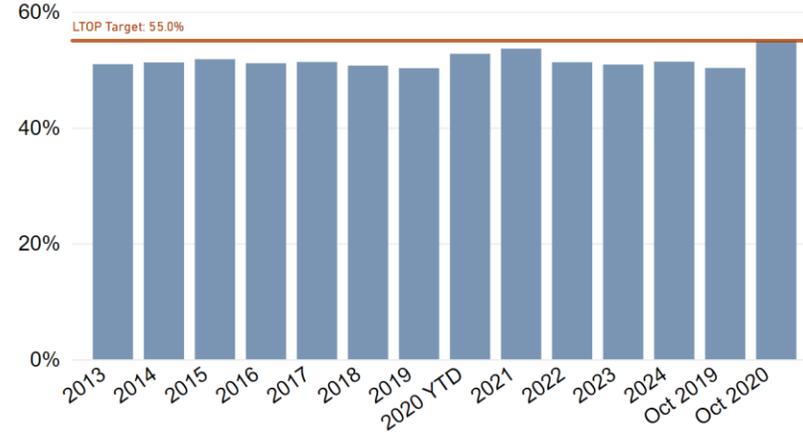
# LTOP Targets

October  
2020

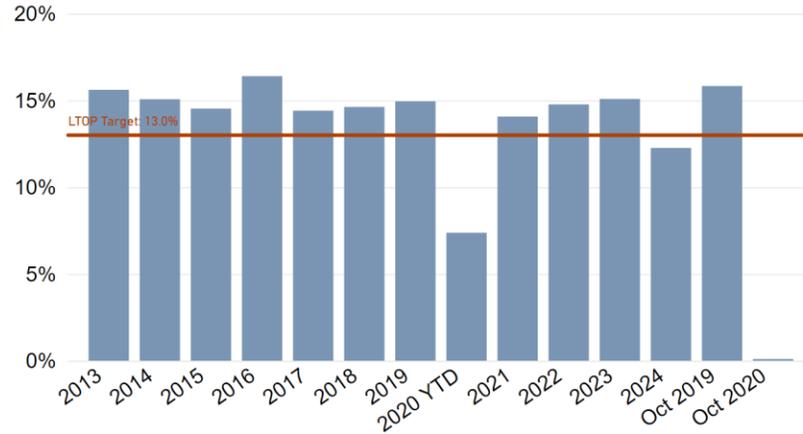
Northern runway end impact (16L and 16R arrivals plus 34L departures)



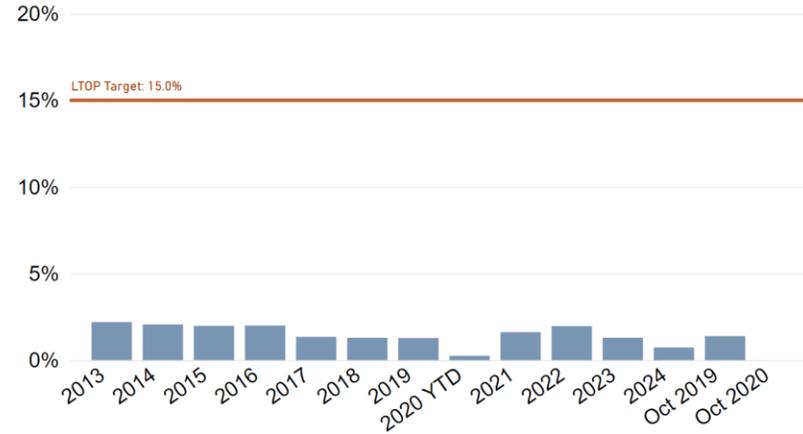
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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Oct-20

Select a type :

All

# Operations by direction

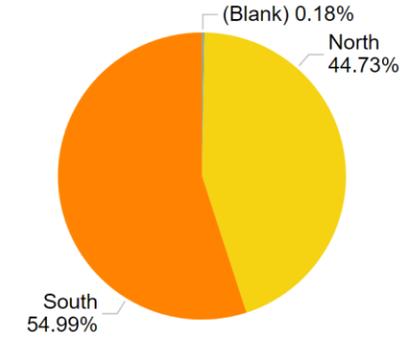
October  
2020

## Operations by day, direction and runway

Sector	Date	East		North			South				Total				
		Total	34R D	Total	16L A	16R A	34L D	Total	16L D	16R D		34L A	34R A		
10/1/2020						89	26	115		114	26	140	255		
10/2/2020	2	2						130		11	115		126	258	
10/3/2020								88		3	81		84	172	
10/4/2020								83		1	77		78	161	
10/5/2020						6	97	103		17	99		116	219	
10/6/2020						99		99		116	4		120	219	
10/7/2020	1	1				85	15	100		125	30		155	256	
10/8/2020								99		29	114		143	242	
10/9/2020						3	116	119		25	113		138	257	
10/10/2020						61	18	79	8	68	23		99	178	
10/11/2020					2	19	75	96		27	68		95	191	
10/12/2020					1	74	21	96		107	45		152	248	
10/13/2020						30	72	102		48	78		126	228	
10/14/2020					6	108		114	4	134	5	4	147	261	
10/15/2020								115	18	3	117	9	147	262	
10/16/2020	1	1			1	121		122	18	145		7	170	293	
10/17/2020						2	70	72	2	16	75	1	94	166	
10/18/2020								69	23	92		82	23	105	197
10/19/2020					2	114		116	6	127		4	137	253	
10/20/2020								56	37	93	21	69	16	143	236
10/21/2020			4	4				112	112	18	2	100	18	138	254
10/22/2020	3	3				38	59	97	18	68	73	17	176	276	
10/23/2020			3	3		2	132	134	13	1	111	13	138	275	
10/24/2020								82	82		2	74	1	77	159
10/25/2020	3	3			2	106		108			120		120	231	
10/26/2020	1	1			16	102		118	11	121			132	251	
10/27/2020	2	2			7	106		113	23	115		4	142	257	
10/28/2020						124		124	22	130		12	164	288	
10/29/2020						117		117	16	133	2	8	159	276	
10/30/2020					2	105	34	141	11	116	22	5	154	295	
10/31/2020						82		82		91		3	94	176	
<b>Total</b>	<b>13</b>	<b>7</b>	<b>7</b>	<b>39</b>	<b>1,718</b>	<b>1,504</b>	<b>3,261</b>	<b>209</b>	<b>2,166</b>	<b>1,512</b>	<b>122</b>	<b>4,009</b>	<b>7,290</b>		

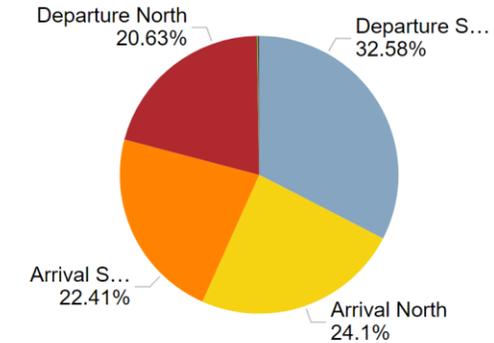
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

Depart... Arrival ... Arrival ... Depart...



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All

# Runway use summary

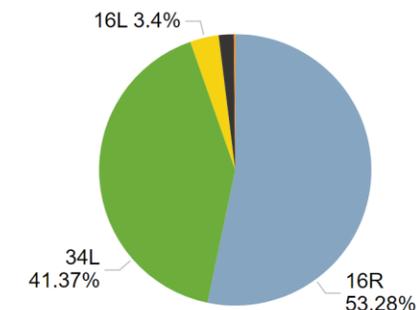
October  
2020

## Operations by day and runway

Runway Date	16L			16R			34L			34R			Total			
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total				
10/1/2020							89	114	203	26	26	52				255
10/2/2020	1	1	2					11	11	115	130	245				258
10/3/2020								3	3	81	88	169				172
10/4/2020								1	1	77	83	160				161
10/5/2020							6	17	23	99	97	196				219
10/6/2020							99	116	215	4		4				219
10/7/2020		1	1				85	125	210	30	15	45				256
10/8/2020								29	29	114	99	213				242
10/9/2020							3	25	28	113	116	229				257
10/10/2020					8	8	61	68	129	23	18	41				178
10/11/2020					2	2	19	27	46	68	75	143				191
10/12/2020					1	1	74	107	181	45	21	66				248
10/13/2020							30	48	78	78	72	150				228
10/14/2020					6	4	10	108	134	242	5	5	4	4		261
10/15/2020					18	18		3	3	117	115	232			9	262
10/16/2020	1		1	1	18	19	121	145	266					7	7	293
10/17/2020					2	2	2	16	18	75	70	145	1		1	166
10/18/2020							69	82	151	23	23	46				197
10/19/2020					2	6	8	114	127	241				4	4	253
10/20/2020					21	21	56	69	125	37	37	74	16		16	236
10/21/2020					18	18		2	2	100	112	212	18	4	22	254
10/22/2020		3	3		18	18	38	68	106	73	59	132	17		17	276
10/23/2020					13	13	2	1	3	111	132	243	13	3	16	275
10/24/2020								2	2	74	82	156	1		1	159
10/25/2020		3	3	2		2	106	120	226							231
10/26/2020		1	1	16	11	27	102	121	223							251
10/27/2020	1	1	2	7	23	30	106	115	221				4		4	257
10/28/2020					22	22	124	130	254				12		12	288
10/29/2020					16	16	117	133	250	2		2	8		8	276
10/30/2020					2	11	13	105	116	221	22	34	56	5		295
10/31/2020							82	91	173				3		3	176
<b>Total</b>	<b>3</b>	<b>10</b>	<b>13</b>	<b>39</b>	<b>209</b>	<b>248</b>	<b>1,718</b>	<b>2,166</b>	<b>3,884</b>	<b>1,512</b>	<b>1,504</b>	<b>3,016</b>	<b>122</b>	<b>7</b>	<b>129</b>	<b>7,290</b>

## Operations by runway

● 16R ● 34L ● 16L ● 34R ● (Blank)



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Select a type :

# Hourly movement summary

October  
2020

## 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
10/1/2020	8	3	4	3	2		4	23	10	18	8	14	7	9	6	24	13	16	17	17	15	10	13	11	255
10/2/2020	5	3	4	3	2		7	22	9	12	11	25	12	19	11	21	13	18	17	11	13	18	2		258
10/3/2020	2		1			2	5	10	5	10	15	16	10	16	9	15	7	10	10	6	10	8	5		172
10/4/2020	2						6	4	4	7	11	16	11	21	9	17	9	8	11	9	2	6	8		161
10/5/2020							1	7	9	14	13	25	9	15	13	20	16	10	15	15	10	11	13	3	219
10/6/2020					1		6	20	11	10	13	14	8	14	11	22	6	11	16	12	10	12	12	10	219
10/7/2020	6	3	5	8	4	2	5	16	10	11	12	17	9	17	13	15	13	15	17	13	7	11	16	11	256
10/8/2020	6	6	3	4	8	2	7	18	6	10	12	9	10	12	10	19	9	10	19	13	9	13	15	12	242
10/9/2020	8	2	5	3	7		5	14	11	15	16	21	10	19	12	23	13	17	17	15	9	8	7		257
10/10/2020	1	1		2			4	10	6	6	12	15	14	21	8	12	12	10	10	8	13	9	4		178
10/11/2020	2			2			5	8	4	14	8	16	15	16	9	10	12	15	10	11	12	9	10	3	191
10/12/2020				1			2	17	15	13	19	19	11	14	14	20	13	16	14	17	6	12	14	11	248
10/13/2020	7	2	2	5	5	2	5	16	11	9	12	16	8	12	11	15	10	8	10	10	17	12	16	7	228
10/14/2020	1	7	2	7	6	1	6	20	9	11	13	16	8	16	10	16	15	17	19	15	17	8	13	8	261
10/15/2020	6	1	4	3	5		4	19	11	14	15	14	11	12	14	16	13	17	18	18	13	8	18	8	262
10/16/2020	12	2	1	5	5		6	20	9	20	14	26	14	21	14	19	19	23	16	15	16	9	6	1	293
10/17/2020			1	1		1	5	9	6	9	11	16	6	15	7	12	12	8	13	8	13	7	5	1	166
10/18/2020		1	1				7	10	5	10	15	17	14	11	10	19	12	11	13	12	8	12	9		197
10/19/2020	2						1	17	13	20	16	23	7	20	12	20	12	17	13	18	7	7	18	10	253
10/20/2020	6	4	3	2	8		6	15	13	15	15	14	8	13	10	18	9	8	15	10	11	10	14	9	236
10/21/2020	7	1	6	3	6	2	6	18	12	14	11	20	7	14	8	16	16	18	13	15	10	7	16	8	254
10/22/2020	10	4	2	4	3	2	6	19	12	11	17	21	6	14	14	18	12	14	14	16	15	13	21	8	276
10/23/2020	4	1	5	5	4	2	5	17	9	23	15	25	12	15	12	23	14	21	17	13	16	9	8		275
10/24/2020		1					3	9	4	7	11	19	6	14	9	15	12	7	8	9	6	8	9	2	159
10/25/2020			4		2		7	7	10	12	21	13	19	18	14	17	13	10	16	11	14	7	16		231
10/26/2020	2		2				3	21	14	24	14	16	10	17	12	20	9	10	16	16	5	12	21	7	251
10/27/2020	5	3	1	2	1	2	6	21	19	17	17	12	8	19	9	17	8	8	17	14	8	16	16	11	257
10/28/2020	7	3	4	2	9		9	28	14	19	17	17	10	11	12	17	17	11	16	16	11	11	18	9	288
10/29/2020	7	4	1	3	6		9	18	16	15	12	11	11	15	12	17	14	14	17	19	11	15	20	9	276
10/30/2020	6	3	1	2	4	3	8	21	10	22	20	18	12	18	18	22	17	15	26	13	14	10	11	1	295
10/31/2020		3			1		4	8	11	8	15	14	8	6	16	11	12	7	11	12	6	14	7	2	176
<b>Total</b>	<b>122</b>	<b>58</b>	<b>62</b>	<b>70</b>	<b>89</b>	<b>21</b>	<b>163</b>	<b>482</b>	<b>308</b>	<b>420</b>	<b>431</b>	<b>535</b>	<b>311</b>	<b>474</b>	<b>349</b>	<b>546</b>	<b>382</b>	<b>400</b>	<b>461</b>	<b>407</b>	<b>334</b>	<b>322</b>	<b>381</b>	<b>162</b>	<b>7,290</b>

## Average daily operations by hour of day



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# Mode utilization summary

October  
2020

## 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
10/1/2020	07:00	00:05				02:42	14:13					24:00
10/2/2020	07:00	00:13				16:47						24:00
10/3/2020	07:00	00:01				16:59						24:00
10/4/2020	07:00	00:18				16:42						24:00
10/5/2020	07:00	00:12				15:33	01:15					24:00
10/6/2020	07:00	00:20					16:40					24:00
10/7/2020	07:00	00:05				02:49	14:06					24:00
10/8/2020	07:00	00:21				16:39						24:00
10/9/2020	07:00	00:04				15:32	01:24					24:00
10/10/2020	07:00	00:01	03:38			02:24	10:57					24:00
10/11/2020	07:00	00:15				12:49	03:56					24:00
10/12/2020	07:00	00:01				05:07	11:52					24:00
10/13/2020	07:00	00:14				12:42	04:04					24:00
10/14/2020	07:00		00:12				16:48					24:00
10/15/2020	07:00		00:38			16:22						24:00
10/16/2020	07:02		00:06				16:52					24:00
10/17/2020	07:00	00:16	00:03			14:26	02:15					24:00
10/18/2020	07:00		00:25			04:59	11:36					24:00
10/19/2020	07:00		00:24				16:36					24:00
10/20/2020	07:00		00:36			07:05	09:20					24:00
10/21/2020	07:00		00:19			16:41						24:00
10/22/2020	07:00		00:22			09:33	07:05					24:00
10/23/2020	07:00		00:20			16:40						24:00
10/24/2020	07:00	00:12	00:05			16:43						24:00
10/25/2020	07:00	00:13					16:47					24:00
10/26/2020	07:00		00:08				16:52					24:00
10/27/2020	07:00		00:22				16:38					24:00
10/28/2020	07:00		00:19				16:41					24:00
10/29/2020	07:00		00:07				16:53					24:00
10/30/2020	07:00		00:26			03:31	13:03					24:00
10/31/2020	07:00	00:03	00:05				16:52					24:00
<b>Total</b>	<b>217:02</b>	<b>02:54</b>	<b>08:36</b>			<b>242:45</b>	<b>272:44</b>					<b>744:00</b>

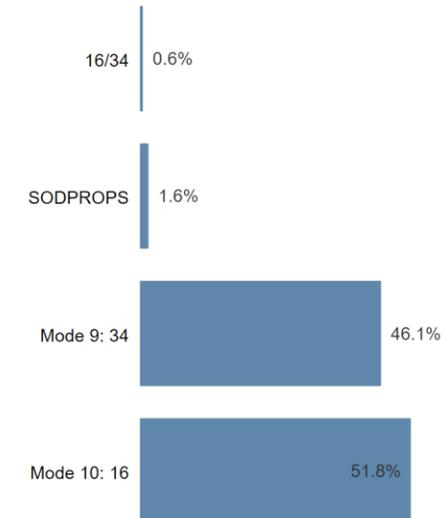
## Days with a mode used in excess of 9 hours

31      14      17  
Any Mode      Mode 9      Mode 10

## Days with SODPROPS used

18      18  
At any time      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%	3.5%	0.2%	0.0%	43.0%	52.2%	0.2%	0.1%	0.2%
Time	1.7%	5.2%	0.2%	0.0%	46.2%	46.0%	0.2%	0.3%	0.2%

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# Runway 16 Precision Runway Monitor operations

October  
2020

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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# Runway 34 departures maintaining heading

October  
2020

1,504

Flights departing from runway 34L

55

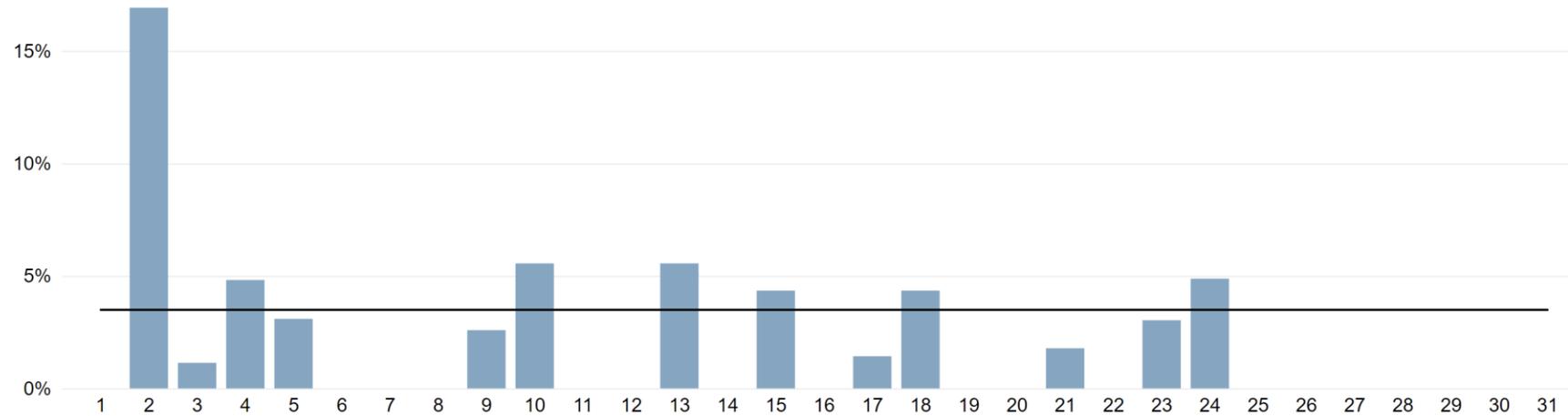
Flights maintaining runway heading

3.66%

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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Seasonal mode

Select a month :

Oct-20

# Noise sharing during non-peak hours

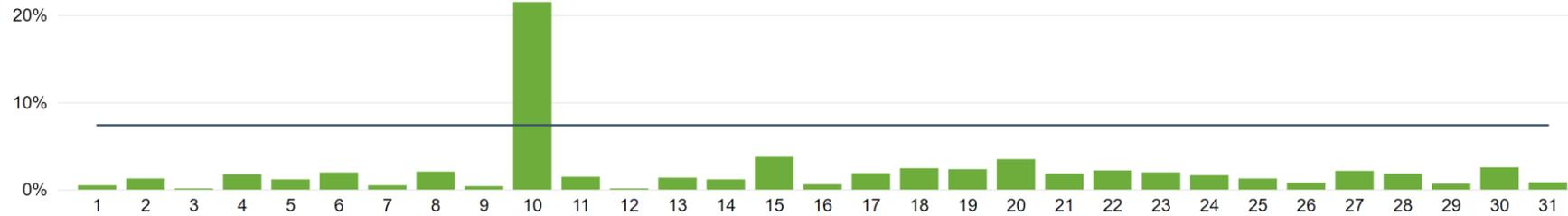
October 2020

Noise sharing time by month



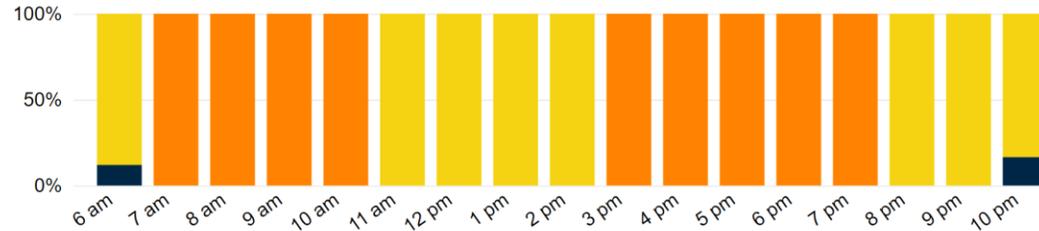
By day

● Noise Sharing Time — Average last 13 months

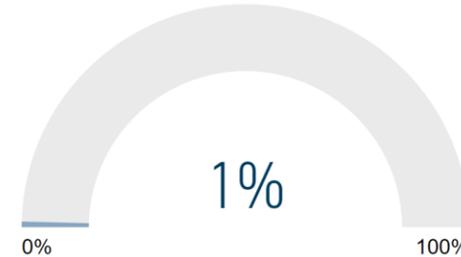


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



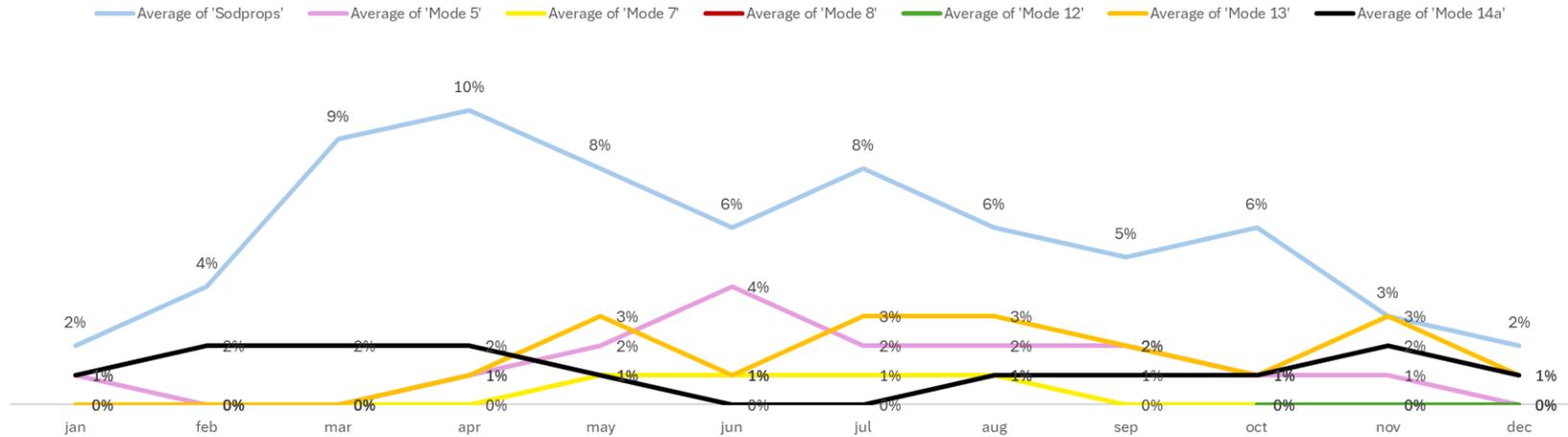
**Note :**

- 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.

[Click here for 'Help'](#)

# 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

