

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 :

Oct-22

# Summary (Preview)

October  
2022

Preview

LTOP

Mode Usage

### Total Runway Movements

2022		2021	
Oct-22	Sep-22	Oct-21	Sep-21
24,120	23,138	5,965	5,517
Total		Total	
778	771	192	184
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-22		Sep-22
North	17%	▲	31.80%	▼	32.63%
South	55%	▼	50.46%	▼	52.38%
East	13%	▲	16.37%	▲	14.89%
West	15%	▼	1.34%	▲	0.10%

▲ ▼ LTOP Target VS Oct-22     
 ▼ ▲ Oct-22 VS Sep-22

### Mode Utilization

Number of days individual mode used in excess of 9 hours

27

Airport Mode	Days
Mode 9	15
Mode 10	12

7.09%

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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Oct-22

# Summary (LTOP)

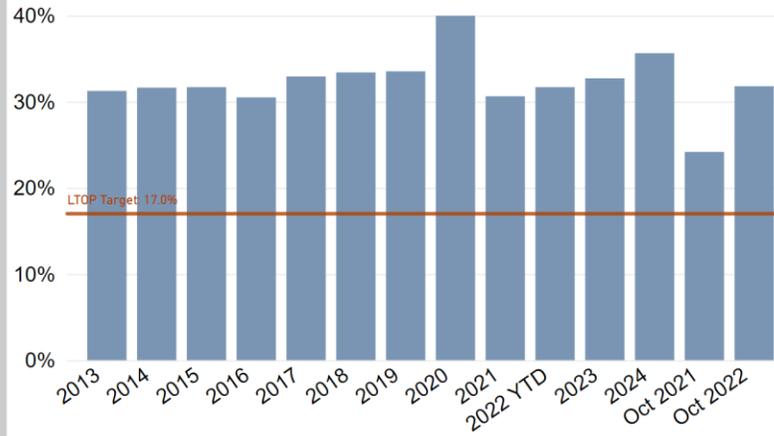
October 2022

Preview

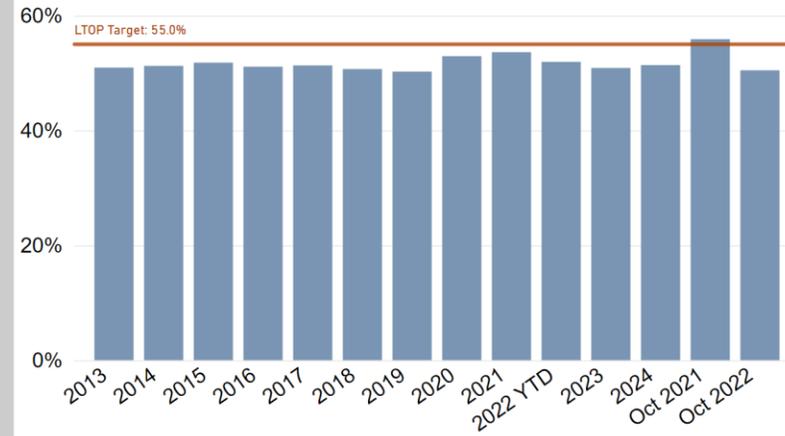
LTOP

Mode Usage

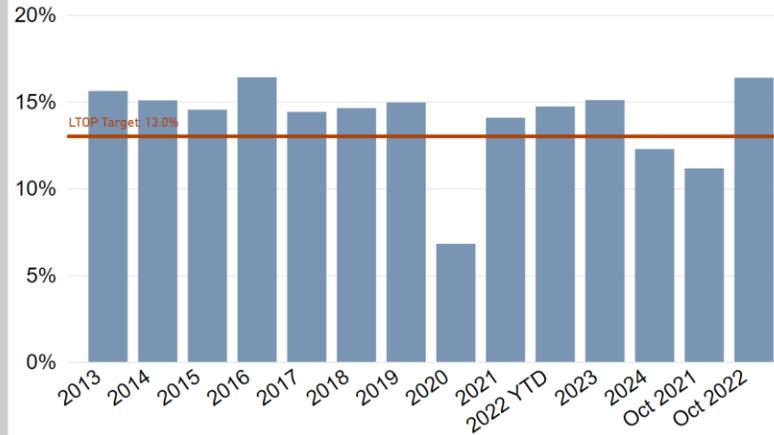
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



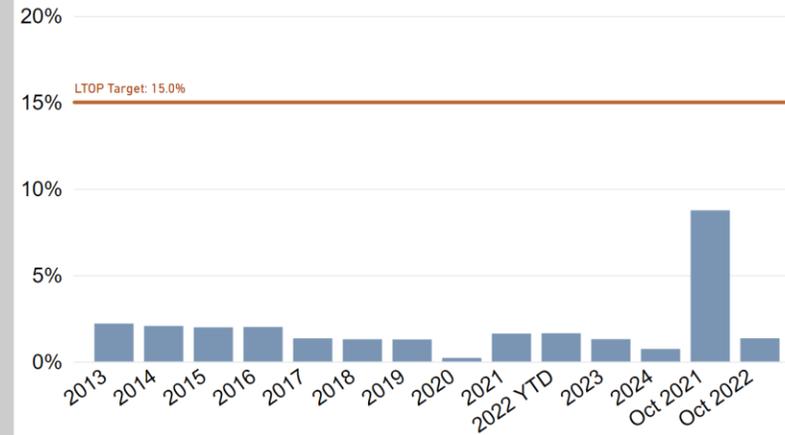
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



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



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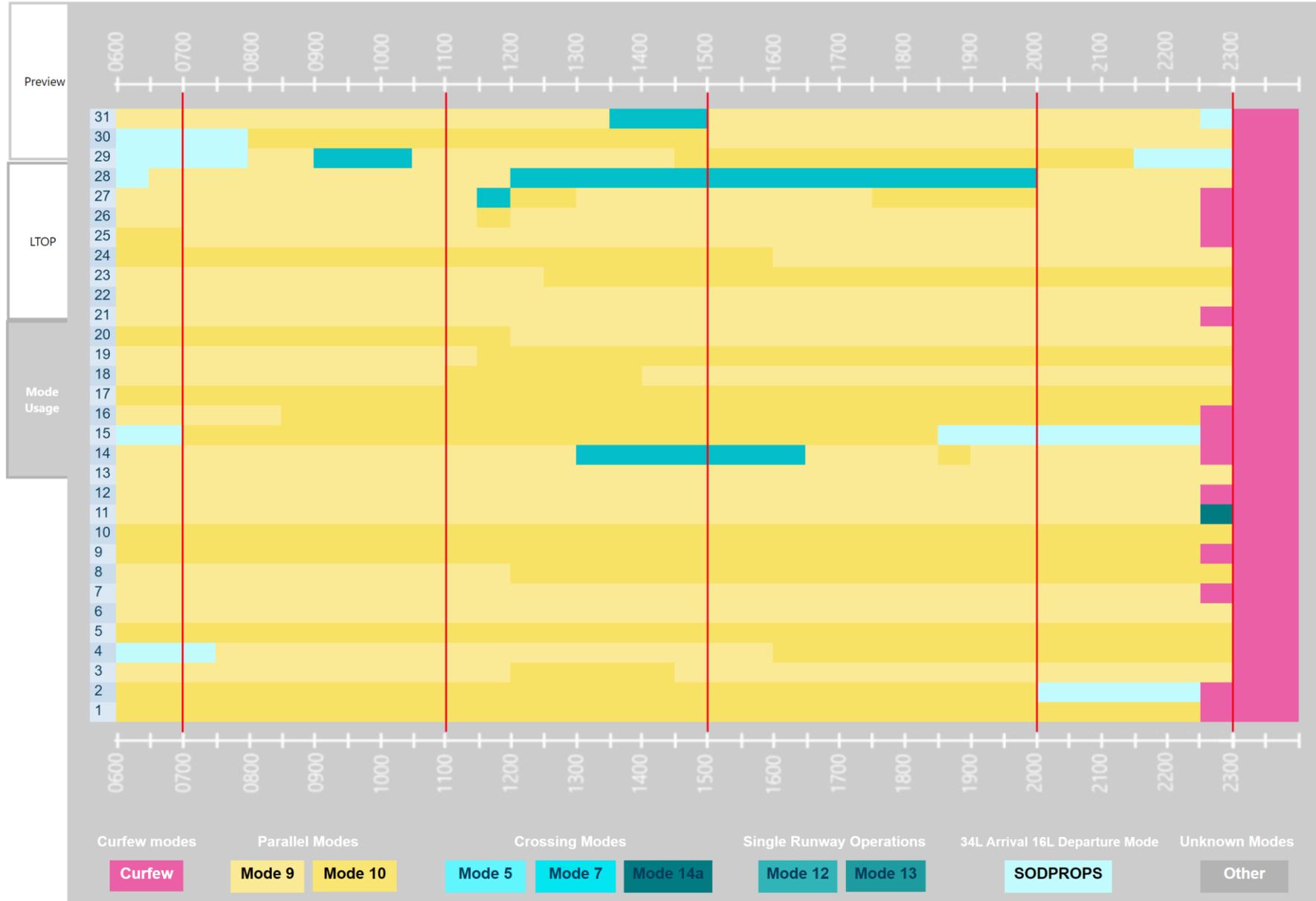
Select a month :

Oct-22



# Summary (Mode Usage)

October  
2022



Select a page :

Summary

**LTOP targets**

Ops by direction

Runway usage

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Select a month :

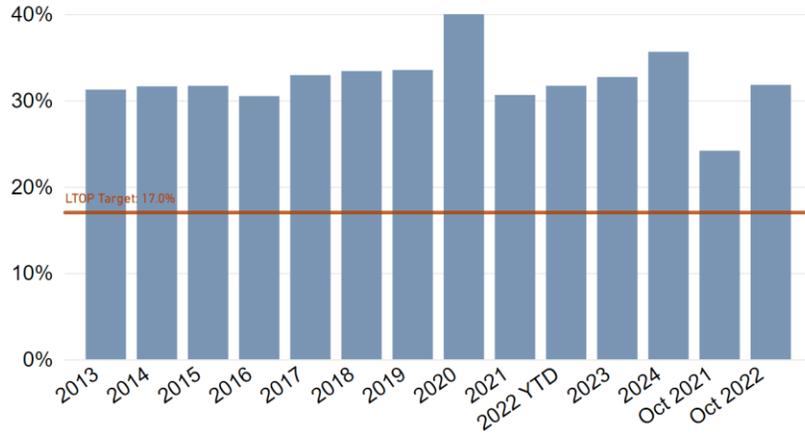
Oct-22



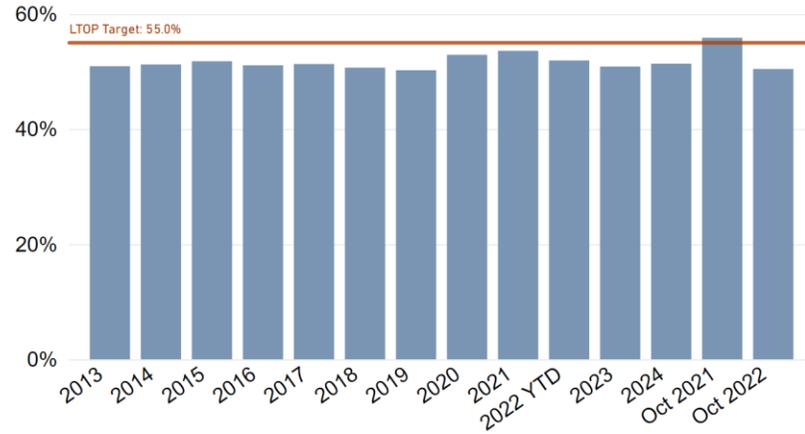
# LTOP Targets

October  
2022

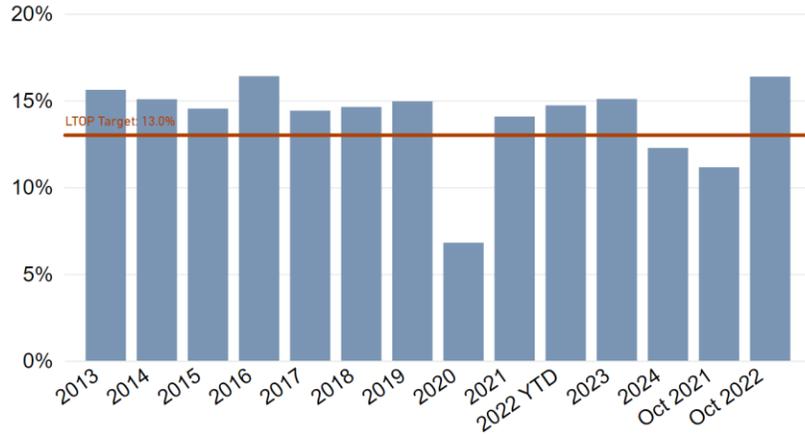
Northern runway end impact (16L and 16R arrivals plus 34L departures)



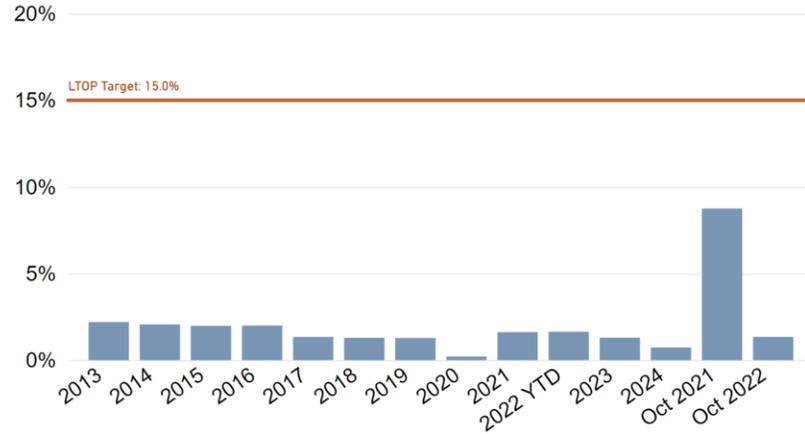
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



[Click here for 'Help'](#)

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Select a type :

All

# Operations by direction

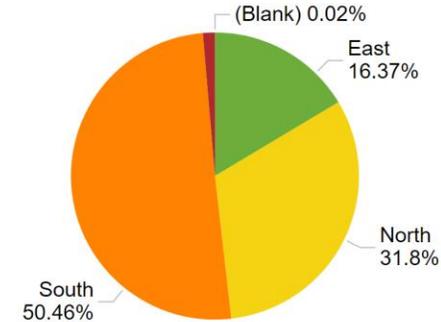
October  
2022

Operations by day, direction and runway

Sector	Date	Total	East		North				South				West			Total		
			25 A	34R D	16L A	16R A	34L D	Total	16L D	16R D	34L A	34R A	Total	07 A	25 D		Total	
10/1/2022					135	219	354	96	226	1	323				67			
10/2/2022					107	178	15	300	130	207	45	382		1	1	68		
10/3/2022			196	196	19	29	148	196	20	50	230	125	425	3	3	82		
10/4/2022			124	124	61	103	99	263	65	116	169	70	420			80		
10/5/2022					180	232	412	144	290	8	1	443	1	1	85			
10/6/2022	1	1	223	223			171	171	10	7	262	152	431			82		
10/7/2022			242	242			176	176	8	3	258	172	441			85		
10/8/2022			82	82	73	113	57	243	33	131	96	46	306			63		
10/9/2022					129	219	348	109	269				378			72		
10/10/2022					166	248	414	172	246	2	2	422			83			
10/11/2022			213	213		1	161	162	12	6	255	142	415	4	4	79		
10/12/2022			212	212	2		189	191	8	5	263	147	423			82		
10/13/2022			223	223			170	170		14	269	141	424			81		
10/14/2022			74	170	244	12	13	160	185	8	20	218	119	365	80	80	87	
10/15/2022					107	165	25	297	120	169	66	355				65		
10/16/2022			25	25	127	186	12	325	99	245	36	5	385	1	1	73		
10/17/2022					176	240	416	132	294		5	431	1	1	84			
10/18/2022			177	177	24	46	130	200	29	57	209	124	419			79		
10/19/2022			77	77	94	159	57	310	75	207	99	58	439			82		
10/20/2022			130	130	72	92	117	281	48	117	168	87	420			83		
10/21/2022			224	224			191	191		10	268	154	432			84		
10/22/2022			148	148			150	150			241	83	324			62		
10/23/2022			79	79	92	140	55	287	72	161	75	33	341			70		
10/24/2022			53	53	106	138	84	328	86	177	102	58	423			80		
10/25/2022	3	3	196	196	1	7	170	178	3	24	261	130	418			79		
10/26/2022	1	1	198	198	5	10	181	196	2	26	266	117	411			80		
10/27/2022			10	161	171	36	52	142	230	30	71	224	92	417	8	8	82	
10/28/2022			178	109	287			111	111	10	14	154	79	257	169	169	82	
10/29/2022			25	64	89	43	86	67	196	57	76	117	53	303	35	35	62	
10/30/2022	1	1	106	106	25	93	95	213	87	85	154	83	409			72		
10/31/2022			25	205	230			175	175	5	1	242	142	390	21	21	81	
<b>Total</b>	<b>6</b>	<b>6</b>	<b>312</b>	<b>3,637</b>	<b>3,949</b>	<b>1,792</b>	<b>2,769</b>	<b>3,108</b>	<b>7,669</b>	<b>1,670</b>	<b>3,324</b>	<b>4,758</b>	<b>2,420</b>	<b>12,172</b>	<b>10</b>	<b>314</b>	<b>324</b>	<b>24,122</b>

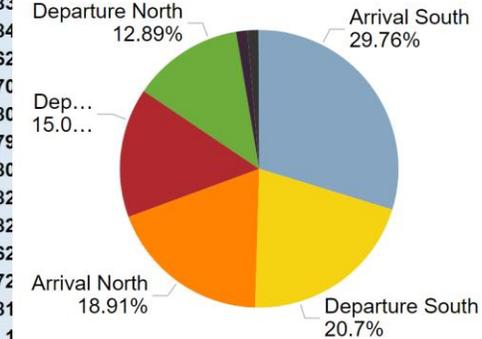
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



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Select a type :

All

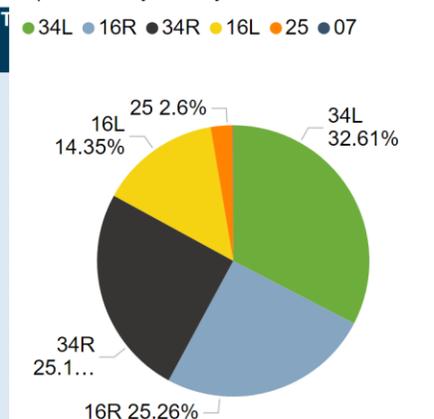
# Runway use summary

October 2022

Operations by day and runway

Runway	07		16L			16R			25			34L			34R					
Date	Dep	Total	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
10/1/2022					135	96	231	219	226	445			1		1					
10/2/2022					107	130	237	178	207	385		1	1	45	15	60				
10/3/2022			3	3	19	20	39	29	50	79				230	148	378	125	196	321	
10/4/2022					61	65	126	103	116	219				169	99	268	70	124	194	
10/5/2022			1	1	180	144	324	232	290	522				8		8	1		1	
10/6/2022	1	1				10	10		7	7				262	171	433	152	223	375	
10/7/2022						8	8		3	3				258	176	434	172	242	414	
10/8/2022					73	33	106	113	131	244				96	57	153	46	82	128	
10/9/2022					129	109	238	219	269	488										
10/10/2022					166	172	338	248	246	494				2		2	2		2	
10/11/2022			4	4		12	12	1	6	7				255	161	416	142	213	355	
10/12/2022						2	8			10				263	189	452	147	212	359	
10/13/2022										14				269	170	439	141	223	364	
10/14/2022					12	8	20	13	20	33	74	80	154	218	160	378	119	170	289	
10/15/2022					107	120	227	165	169	334				66	25	91				
10/16/2022			1	1	127	99	226	186	245	431				36	12	48	5	25	30	
10/17/2022			1	1	176	132	308	240	294	534							5		5	
10/18/2022					24	29	53	46	57	103				209	130	339	124	177	301	
10/19/2022					94	75	169	159	207	366				99	57	156	58	77	135	
10/20/2022					72	48	120	92	117	209				168	117	285	87	130	217	
10/21/2022									10	10				268	191	459	154	224	378	
10/22/2022														241	150	391	83	148	231	
10/23/2022					92	72	164	140	161	301				75	55	130	33	79	112	
10/24/2022					106	86	192	138	177	315				102	84	186	58	53	111	
10/25/2022	3	3			1	3	4	7	24	31				261	170	431	130	196	326	
10/26/2022	1	1			5	2	7	10	26	36				266	181	447	117	198	315	
10/27/2022					36	30	66	52	71	123	10	8	18	224	142	366	92	161	253	
10/28/2022						10	10		14	14	178	169	347	154	111	265	79	109	188	
10/29/2022					43	57	100	86	76	162	25	35	60	117	67	184	53	64	117	
10/30/2022	1	1			25	87	112	93	85	178				154	95	249	83	106	189	
10/31/2022						5	5		1	1	25	21	46	242	175	417	142	205	347	
<b>Total</b>	<b>6</b>	<b>6</b>	<b>10</b>	<b>10</b>	<b>1...</b>	<b>1,6...</b>	<b>3,4...</b>	<b>2,...</b>	<b>3,...</b>	<b>6,093</b>	<b>3...</b>	<b>314</b>	<b>626</b>	<b>4,758</b>	<b>3,108</b>	<b>7,866</b>	<b>2...</b>	<b>3,637</b>	<b>6,057</b>	<b>2...</b>

Operations by runway



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- Mode usage
- PRM operations
- 34L departures
- Noise sharing
- Seasonal mode

Select a month :

Oct-22 v

Select a type :

All Aircraft v

# Hourly movement summary

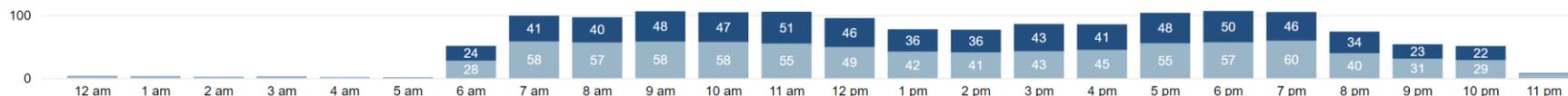
October  
2022

## 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	
10/1/2022		1	1				1	39	55	51	48	59	62	49	29	37	38	36	45	34	37	15	25	14	1	677
10/2/2022		2					1	20	36	26	45	38	47	46	34	45	48	48	57	61	48	33	25	23		683
10/3/2022				2	1			24	54	49	66	53	60	51	42	46	44	47	61	63	62	37	28	28	2	820
10/4/2022	1	1	1	3	1	2	27	55	65	60	53	56	47	43	39	37	45	60	53	51	39	30	32	6	807	
10/5/2022	7	4	3	4	1	1	31	62	55	53	59	52	55	46	45	38	47	56	53	65	40	32	39	8	856	
10/6/2022	4	2	3	3	1	1	28	55	48	53	59	58	37	41	43	40	48	51	59	55	46	43	34	14	826	
10/7/2022	3	4	2	4	1	2	28	60	58	50	59	66	50	56	43	46	51	51	56	61	45	36	24	3	859	
10/8/2022	1		1	1	1		23	45	48	53	53	54	42	33	34	37	30	36	43	33	24	18	21		631	
10/9/2022		1					20	31	36	45	45	44	49	39	39	49	49	58	64	57	49	25	25	1	726	
10/10/2022	3				1		29	57	63	65	59	63	49	46	45	39	47	54	64	59	28	27	33	5	836	
10/11/2022	3	3	2	4	2		25	59	60	56	52	52	46	34	38	39	44	58	62	58	36	24	29	8	794	
10/12/2022	3	3	3	3	2	2	27	64	55	65	52	52	45	44	35	41	50	58	59	65	40	22	29	7	826	
10/13/2022	3	4	2	3	1	1	28	56	56	58	52	50	51	44	36	44	46	58	58	61	35	35	28	7	817	
10/14/2022	7	3	1	4	3	2	25	58	64	60	64	64	54	43	42	45	52	59	52	71	45	31	24	1	874	
10/15/2022				1	1		29	51	51	58	50	48	53	41	33	33	38	42	33	29	25	15	20	1	652	
10/16/2022			1			2	20	34	29	46	47	43	48	38	36	50	50	63	69	54	55	27	24		736	
10/17/2022		1					30	57	61	59	64	64	48	50	40	50	38	62	57	68	33	27	30	9	848	
10/18/2022	3	5	4	2	3	1	29	58	58	60	49	55	44	35	36	45	48	50	56	59	36	22	29	9	796	
10/19/2022	2	4	3	3	3	2	26	57	56	56	60	52	53	46	38	49	43	59	59	61	34	27	26	7	826	
10/20/2022	3	2	3	6			26	57	56	56	62	55	54	41	38	42	47	54	59	57	42	34	26	11	831	
10/21/2022	6	4	2	3	2	1	26	57	57	57	66	55	52	51	41	49	44	51	60	69	39	26	25	4	847	
10/22/2022							19	55	49	53	52	57	43	34	34	35	29	35	35	36	24	11	21		622	
10/23/2022							18	36	27	47	39	51	43	35	31	52	45	52	56	65	49	32	28	1	707	
10/24/2022							30	52	55	59	57	48	61	43	45	42	45	48	59	56	44	24	24	12	804	
10/25/2022	4	5	2	2	3	1	24	54	47	55	63	49	52	35	42	39	29	56	63	61	41	30	28	10	795	
10/26/2022	5	3	3	2	2	1	26	63	60	55	55	52	50	27	47	45	38	63	50	58	41	30	21	9	806	
10/27/2022	3	3	3	4			29	66	57	57	56	47	43	48	37	37	47	50	66	51	49	34	30	9	826	
10/28/2022	5	4	2	3	1		34	58	59	65	55	54	47	45	47	45	37	44	35	47	47	51	31	8	824	
10/29/2022	1	1		1	1	2	27	43	49	44	48	61	42	36	32	35	37	34	37	31	26	16	19		623	
<b>Total</b>	<b>69</b>	<b>60</b>	<b>43</b>	<b>59</b>	<b>31</b>	<b>23</b>	<b>819</b>	<b>1,634</b>	<b>1,594</b>	<b>1,702</b>	<b>1,680</b>	<b>1,661</b>	<b>1,499</b>	<b>1,242</b>	<b>1,222</b>	<b>1,333</b>	<b>1,350</b>	<b>1,648</b>	<b>1,695</b>	<b>1,707</b>	<b>1,177</b>	<b>880</b>	<b>827</b>	<b>165</b>	<b>24,120</b>	

## Average daily operations by hour of day

● Weekday ● Weekend



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# Mode utilization summary

October  
2022

Duration of mode use

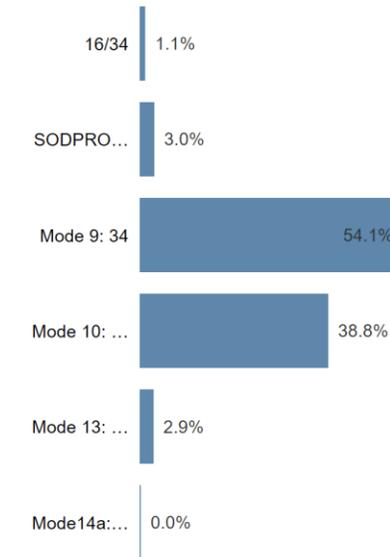
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
10/1/2022	07:00	00:17					16:43					24:00
10/2/2022	07:00	00:31	02:35				13:54					24:00
10/3/2022	07:00	00:08	00:10			14:10	02:33					24:00
10/4/2022	07:00	00:07	01:22			08:29	07:01					24:00
10/5/2022	07:00		00:12				16:48					24:00
10/6/2022	07:00		00:17			16:43						24:00
10/7/2022	07:00	00:19				16:41						24:00
10/8/2022	07:00	00:14				06:07	10:39					24:00
10/9/2022	07:00	00:23					16:37					24:00
10/10/2022	07:00		00:10				16:50					24:00
10/11/2022	07:00		00:01			16:43				00:15		24:00
10/12/2022	07:00	00:16				16:44						24:00
10/13/2022	07:00	00:12				16:48						24:00
10/14/2022	07:00	00:20				12:19	00:46		03:35			24:00
10/15/2022	07:00	00:20	04:59				11:41					24:00
10/16/2022	07:00	00:16				02:38	14:06					24:00
10/17/2022	07:00		00:05				16:55					24:00
10/18/2022	07:00		00:12			13:39	03:09					24:00
10/19/2022	07:00	00:06				05:31	11:23					24:00
10/20/2022	07:00	00:14				10:35	06:11					24:00
10/21/2022	07:00	00:23				16:37						24:00
10/22/2022	07:00	00:15				16:45						24:00
10/23/2022	07:00	00:13				06:37	10:10					24:00
10/24/2022	07:00	00:09				06:40	10:11					24:00
10/25/2022	07:00	00:16				15:56	00:48					24:00
10/26/2022	07:00	00:21				16:01	00:38					24:00
10/27/2022	07:00	00:17				13:07	03:10		00:26			24:00
10/28/2022	07:00	00:07	00:39			07:52			08:22			24:00
10/29/2022	07:00	00:12	03:04			05:11	07:05		01:28			24:00
10/30/2022	07:00	00:04	01:54			08:05	06:57					24:00
10/31/2022	07:00		00:16			15:24			01:20			24:00
<b>Total</b>	<b>217:00</b>	<b>06:00</b>	<b>15:57</b>			<b>285:22</b>	<b>204:15</b>		<b>15:10</b>	<b>00:15</b>		<b>744:00</b>

Days with a mode used in excess of 9 hours

27 Any Mode      15 Mode 9      12 Mode 10

14 At any time      14 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	0.4%	4.5%	1.2%		43.9%	46.7%	0.2%	2.1%	1.1%
Time	1.3%	5.6%	1.6%		42.0%	45.7%	0.2%	2.4%	1.3%

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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 :

Oct-22



# Runway 16 Precision Runway Monitor operations

October  
2022

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 :

Oct-22

# Runway 34 departures maintaining heading

October  
2022

3,108

Flights departing from runway 34L

51

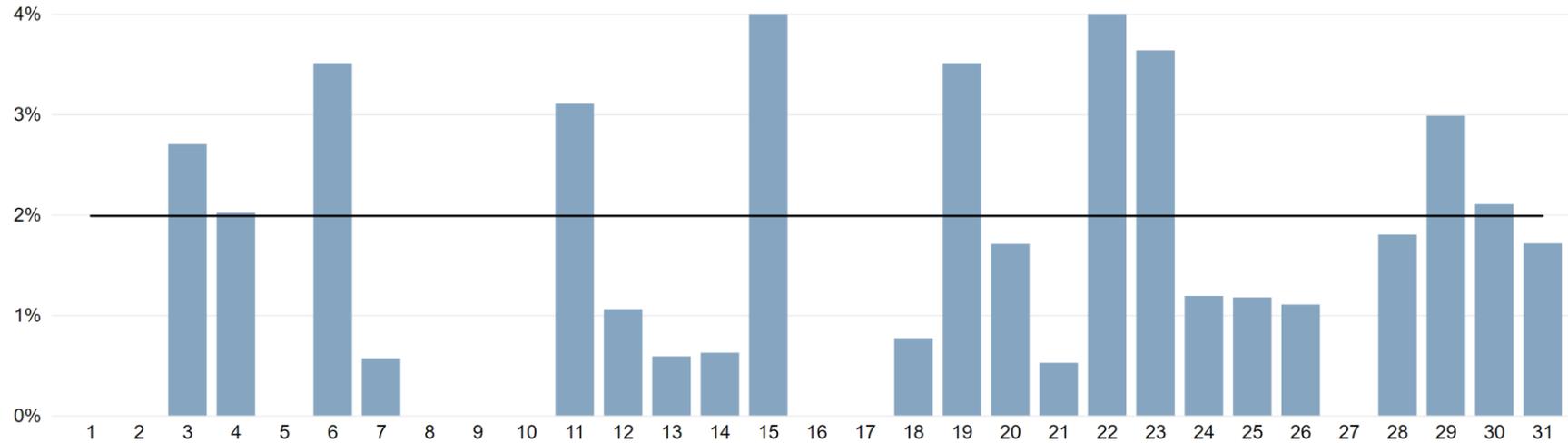
Flights maintaining runway heading

1.64%

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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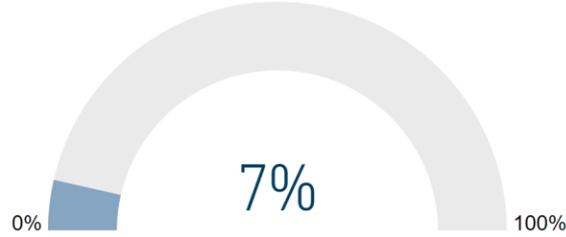
Select a month :

Oct-22

# Noise sharing during non-peak hours

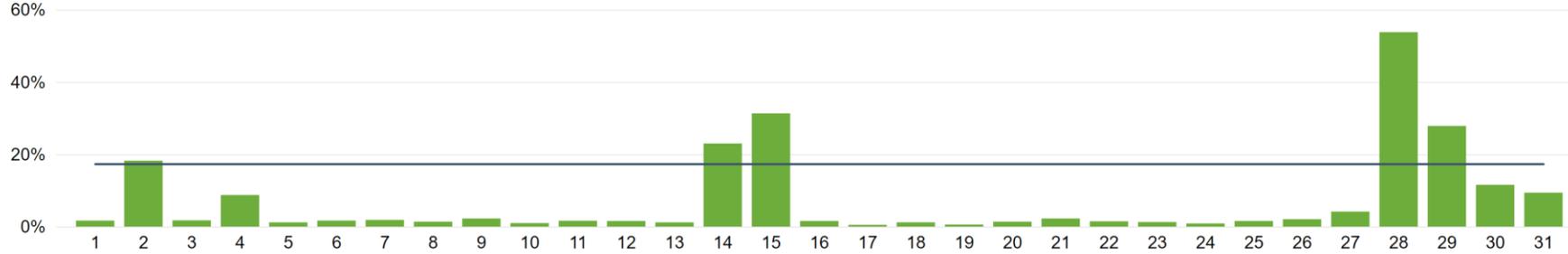
October 2022

Noise sharing time by month



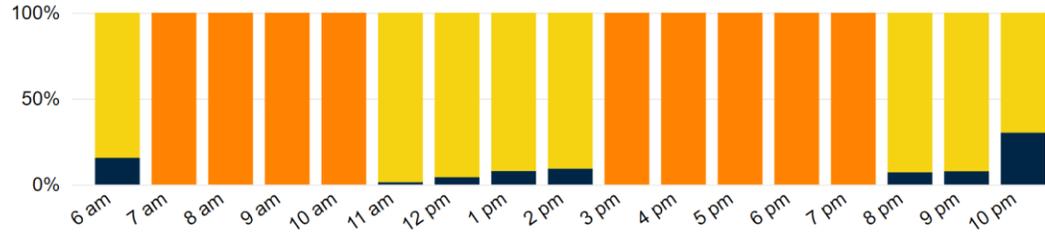
By day

● Noise Sharing Time — Average last 13 months

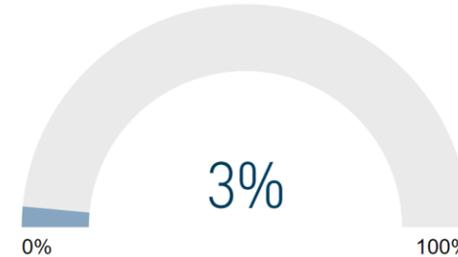


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



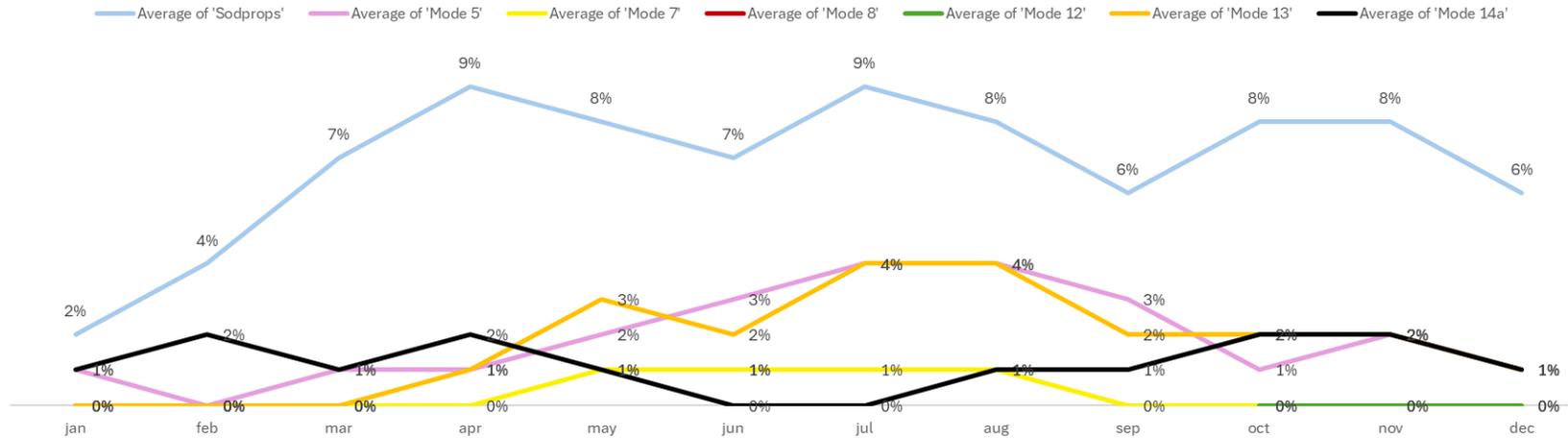
**Note :**

- 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

