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**Summary**

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Sep-22

# Summary (Preview)

September  
2022

Preview

LTOP

Mode Usage

## Total Runway Movements

2022		2021	
Sep-22	Aug-22	Sep-21	Aug-21
23,138	24,112	5,517	5,551
Total		Total	
771	778	184	179
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	Sep-22	Aug-22
North	17%	▲ 32.63%	▲ 31.05%
South	55%	▼ 52.38%	▲ 51.71%
East	13%	▲ 14.89%	▼ 16.78%
West	15%	▼ 0.10%	▼ 0.45%

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

## Mode Utilization

Number of days individual mode used in excess of 9 hours

26

Airport Mode	Days
Mode 9	15
Mode 10	11

6.75%

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

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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Sep-22

# Summary (LTOP)

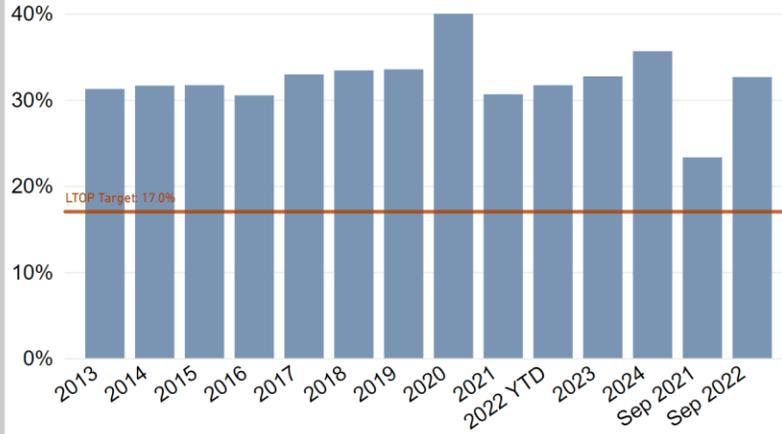
September 2022

Preview

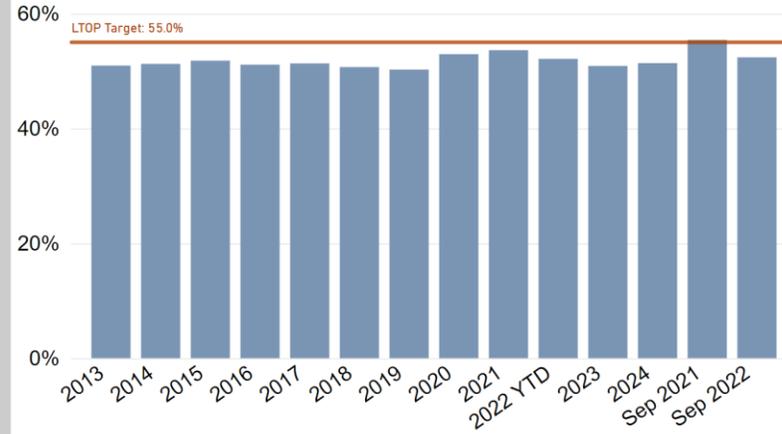
LTOP

Mode Usage

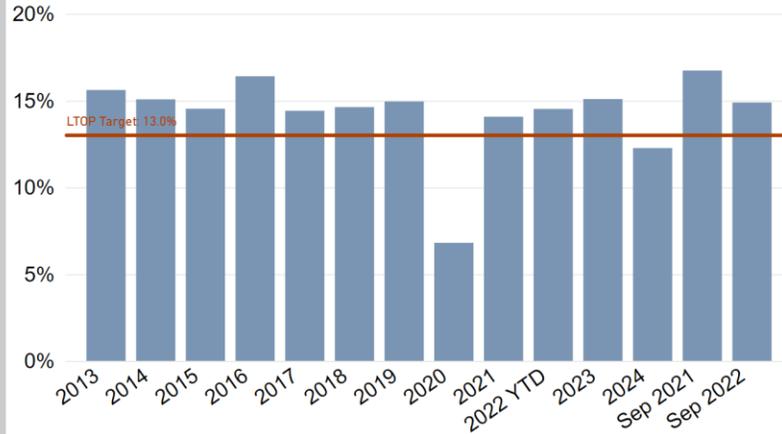
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



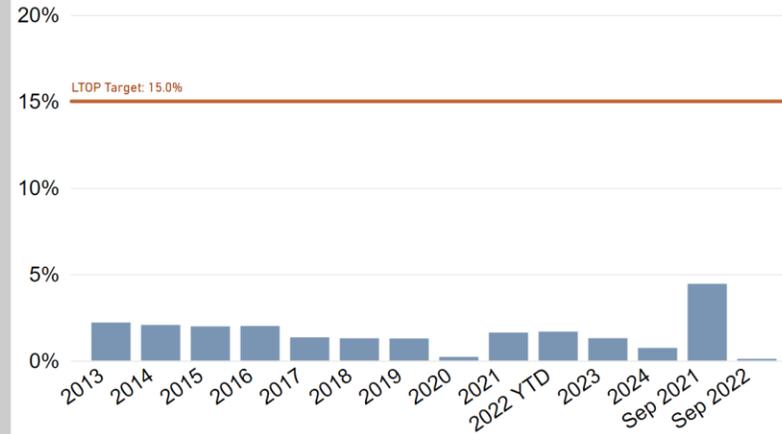
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



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





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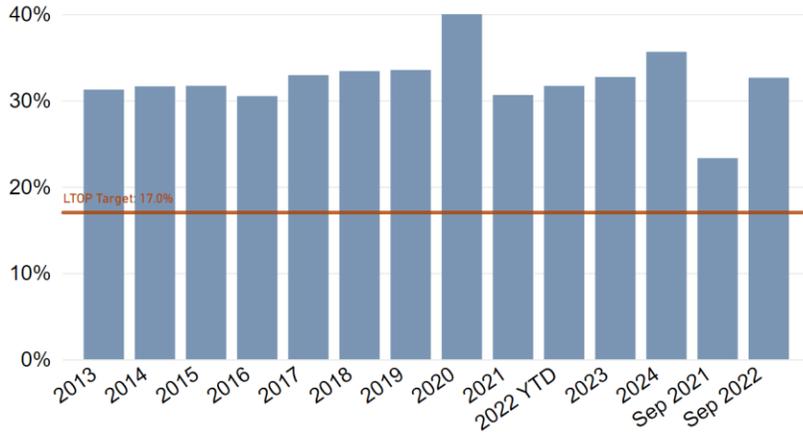
Select a month :

Sep-22

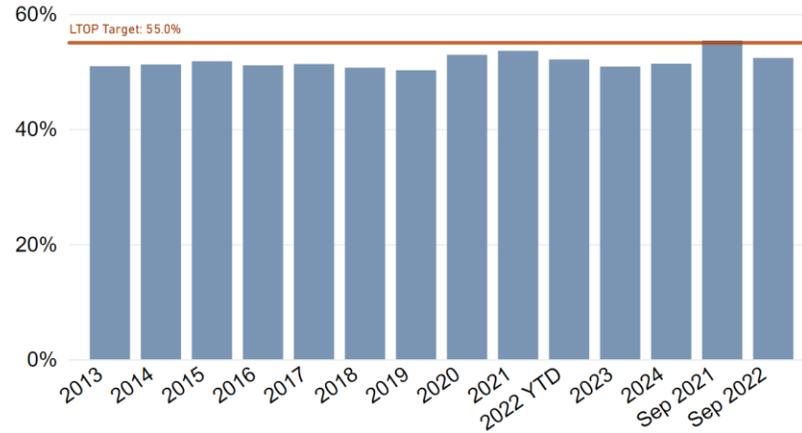
# LTOP Targets

September 2022

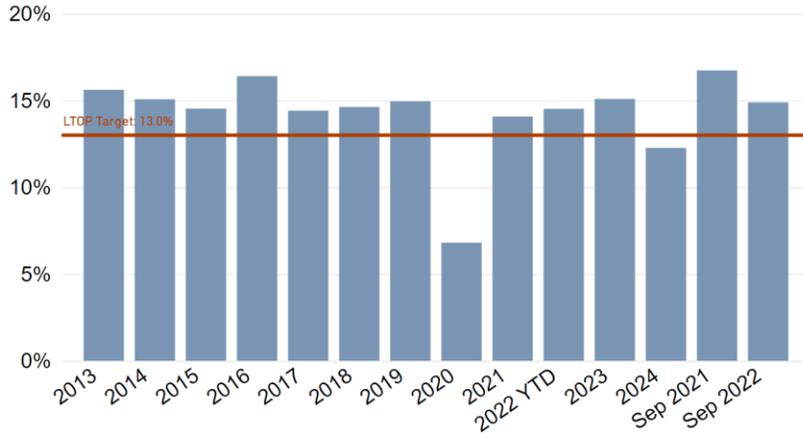
Northern runway end impact (16L and 16R arrivals plus 34L departures)



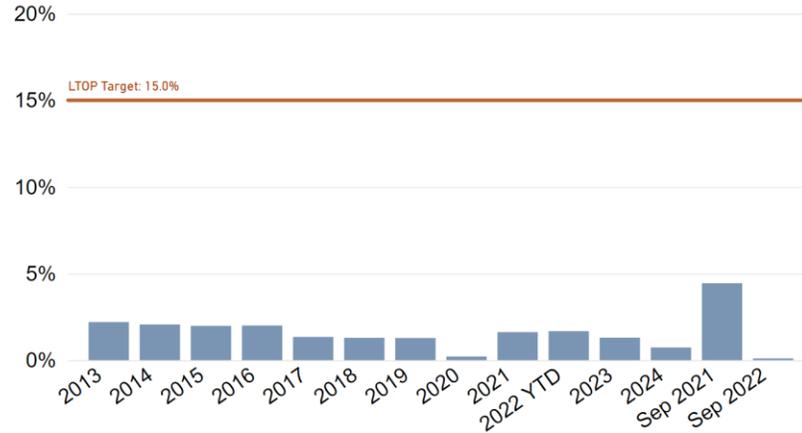
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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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Sep-22

Select a type :

All

# Operations by direction

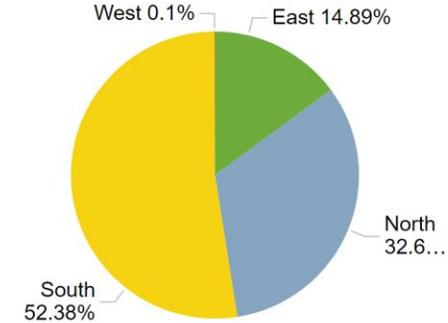
September 2022

Operations by day, direction and runway

Sector Date	East			North				South				West			Total	
	25 A	34R D	Total	16L A	16R A	34L D	Total	16L D	16R D	34L A	34R A	Total	07 A	25 D		Total
9/1/2022		222	222			180	180		13	273	141	427	1		1	830
9/2/2022				166	244		410	130	289	12		431				841
9/3/2022				123	188		311	85	206			291				602
9/4/2022	4		4	120	193		313	105	238		1	344				661
9/5/2022				158	237		395	129	268	5	1	403	1		1	799
9/6/2022	11		11	137	213		350	115	254	10		379	2		2	742
9/7/2022		204	204			181	181		16	264	136	416	1		1	802
9/8/2022		211	211			170	170		13	270	131	414				795
9/9/2022		226	226			185	185		12	266	148	426				837
9/10/2022	1	101	102	28	78	87	193	35	68	138	71	312				607
9/11/2022		82	82	36	51	92	179	114	75	187	63	439				700
9/12/2022				162	225	2	389	136	274	28		438		1	1	828
9/13/2022				150	225		375	112	278	9		399				774
9/14/2022		84	84	76	108	88	272	78	146	160	60	444				800
9/15/2022	3	210	213			166	166	13	15	264	133	425	2		2	806
9/16/2022		235	235			192	192	12	1	269	166	448				875
9/17/2022	15	148	163			137	137		6	231	85	322		12	12	634
9/18/2022	1	160	161			145	145	59		249	89	397				703
9/19/2022	1	62	63	86	124	65	275	122	153	148	43	466				804
9/20/2022		209	209		1	170	171	8	15	264	135	422				802
9/21/2022		213	213			183	183		8	270	134	412	1		1	809
9/22/2022		200	200			169	169		6	244	127	377	1		1	747
9/23/2022		235	235			188	188		1	258	154	413	1		1	837
9/24/2022	31	23	54	102	150	8	260	84	194	37	13	328				642
9/25/2022		151	151	18	43	123	184	57	41	204	78	380				715
9/26/2022		184	184	19	30	160	209	37	48	238	136	459				852
9/27/2022		195	195	17	25	143	185	11	54	248	116	429				809
9/28/2022		23	23	134	202	16	352	114	259	44	10	427				802
9/29/2022				174	239		413	120	298	7		425				838
9/30/2022				168	250		418	125	302			427				845
<b>Total</b>	<b>67</b>	<b>3,378</b>	<b>3,445</b>	<b>1,874</b>	<b>2,826</b>	<b>2,850</b>	<b>7,550</b>	<b>1,801</b>	<b>3,551</b>	<b>4,597</b>	<b>2,171</b>	<b>12,120</b>	<b>10</b>	<b>13</b>	<b>23</b>	<b>23,138</b>

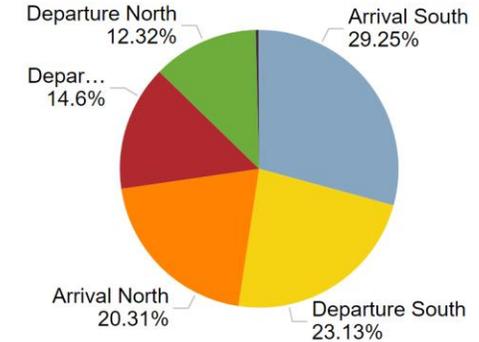
Total operations by compass direction

● East ● North ● South ● West



Arrivals/departures by direction

● Arrival ... ● Depart... ● Arrival ... ● Depart...



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All

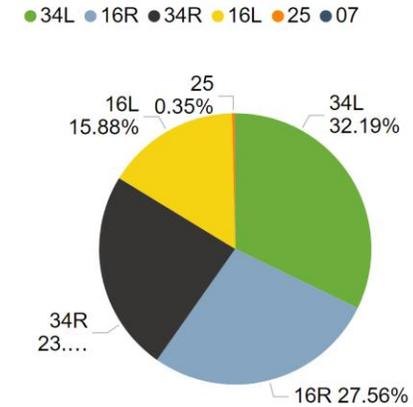
# Runway use summary

September 2022

Operations by day and runway

Runway	07		16L			16R			25			34L			34R			Total	
	Date	Arr	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total				
9/1/2022	1	1					13	13				273	180	453	141	222	363	830	
9/2/2022				166	130	296	244	289	533			12		12				841	
9/3/2022				123	85	208	188	206	394									602	
9/4/2022				120	105	225	193	238	431	4		4				1		661	
9/5/2022	1	1	158	129	287	237	268	505				5		5	1		1	799	
9/6/2022	2	2	137	115	252	213	254	467	11		11	10		10				742	
9/7/2022	1	1					16	16				264	181	445	136	204	340	802	
9/8/2022							13	13				270	170	440	131	211	342	795	
9/9/2022							12	12				266	185	451	148	226	374	837	
9/10/2022				28	35	63	78	68	146	1		1	138	87	225	71	101	172	607
9/11/2022				36	114	150	51	75	126			187	92	279	63	82	145	700	
9/12/2022				162	136	298	225	274	499		1	1	28	2	30			828	
9/13/2022				150	112	262	225	278	503			9		9				774	
9/14/2022				76	78	154	108	146	254			160	88	248	60	84	144	800	
9/15/2022	2	2		13	13		15	15	3		3	264	166	430	133	210	343	806	
9/16/2022				12	12		1	1				269	192	461	166	235	401	875	
9/17/2022							6	6	15	12	27	231	137	368	85	148	233	634	
9/18/2022				59	59					1	1	249	145	394	89	160	249	703	
9/19/2022				86	122	208	124	153	277	1		1	148	65	213	43	62	105	804
9/20/2022				8	8	1	15	16				264	170	434	135	209	344	802	
9/21/2022	1	1					8	8				270	183	453	134	213	347	809	
9/22/2022	1	1					6	6				244	169	413	127	200	327	747	
9/23/2022	1	1					1	1				258	188	446	154	235	389	837	
9/24/2022				102	84	186	150	194	344	31		37	8	45	13	23	36	642	
9/25/2022				18	57	75	43	41	84			204	123	327	78	151	229	715	
9/26/2022				19	37	56	30	48	78			238	160	398	136	184	320	852	
9/27/2022				17	11	28	25	54	79			248	143	391	116	195	311	809	
9/28/2022				134	114	248	202	259	461			44	16	60	10	23	33	802	
9/29/2022				174	120	294	239	298	537			7		7				838	
9/30/2022				168	125	293	250	302	552									845	
<b>Total</b>	<b>10</b>	<b>10</b>	<b>1...</b>	<b>1,8...</b>	<b>3,6...</b>	<b>2,...</b>	<b>3,...</b>	<b>6,377</b>	<b>67</b>	<b>13</b>	<b>80</b>	<b>4,597</b>	<b>2,850</b>	<b>7,447</b>	<b>2...</b>	<b>3,378</b>	<b>5,549</b>	<b>23,138</b>	

Operations by runway



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Sep-22 v

Select a type :

All Aircraft v

# Hourly movement summary

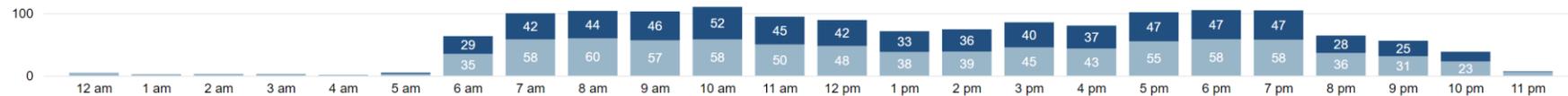
September  
2022

## 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
9/1/2022	7		4	2	1	2	36	59	58	58	58	44	44	32	45	48	40	65	63	67	27	36	27	7	830
9/2/2022	4	4	4	3	3	3	37	61	65	57	63	53	48	37	46	47	39	50	57	59	51	25	24	1	841
9/3/2022				1		1	34	51	50	46	56	49	40	34	34	32	26	38	28	34	17	17	13	1	602
9/4/2022			2		1		26	29	36	40	47	34	38	28	35	40	43	53	54	55	45	33	20	2	661
9/5/2022			1	1		2	36	62	67	48	60	56	47	38	41	43	43	62	58	56	24	28	20	6	799
9/6/2022	3	4	3	4	2	2	31	55	60	58	46	46	43	34	32	34	46	49	52	59	25	29	21	4	742
9/7/2022	7	2	4	2	1	4	37	58	65	58	51	46	46	32	41	37	48	55	60	59	34	22	23	10	802
9/8/2022	3	1	1	2	4	3	32	60	58	52	60	51	45	28	38	46	43	55	59	58	33	33	23	7	795
9/9/2022	9	3	2	4	1	1	36	56	57	58	64	54	50	43	47	48	30	61	64	63	39	34	11	2	837
9/10/2022	1		1			3	31	52	54	49	57	47	43	39	29	31	30	35	36	30	16	14	8	1	607
9/11/2022						2	22	38	34	43	46	40	48	29	36	48	45	59	58	68	33	34	17		700
9/12/2022	1			1		3	37	58	62	66	64	54	48	38	42	47	48	59	53	57	33	26	24	7	828
9/13/2022	3	3	3	5	1	1	34	56	63	57	55	48	42	33	32	39	46	59	53	47	31	32	24	7	774
9/14/2022	6	3	3	3	1	4	32	59	60	61	53	46	38	36	39	46	45	53	56	60	40	26	21	9	800
9/15/2022	6	1	4	2	2	4	36	55	60	59	56	42	47	32	31	49	43	51	55	61	42	36	22	10	806
9/16/2022	5	5	3	4	1	5	33	59	59	57	68	54	49	54	38	51	42	58	65	62	46	38	18	1	875
9/17/2022				1		3	31	54	54	55	58	47	39	36	32	35	30	32	37	34	18	18	16	4	634
9/18/2022		1				2	28	29	38	42	49	48	37	37	38	48	44	55	60	56	43	30	18		703
9/19/2022						2	37	58	63	54	60	53	55	37	36	44	44	56	67	50	32	26	28	2	804
9/20/2022	5	4	4	3	2	3	33	61	60	60	57	49	42	37	36	43	41	54	60	56	37	28	23	4	802
9/21/2022	6	1	2	2	1	5	32	61	62	60	54	50	50	41	34	45	46	58	64	54	31	27	19	4	809
9/22/2022	3	1	1	1	1	2	33	46	42	47	53	38	46	36	38	49	45	54	60	62	38	32	18	1	747
9/23/2022	1					3	32	58	61	59	70	46	52	49	37	54	44	53	62	68	41	25	21	1	837
9/24/2022		1		1		2	31	48	50	53	59	48	44	31	41	32	39	34	34	35	18	25	15	1	642
9/25/2022	1					3	25	34	36	42	45	43	44	32	40	55	38	67	67	64	34	28	17		715
9/26/2022					1	3	38	62	66	55	64	57	59	42	37	45	53	53	62	56	32	39	23	5	852
9/27/2022	6	5	2	4	1	4	36	67	63	56	49	55	48	35	34	47	37	52	54	57	32	32	24	9	809
9/28/2022	7	2	1	4		3	33	59	58	52	55	47	49	39	43	44	48	47	42	41	39	35	35	19	802
9/29/2022	8	4	2	2	2	1	39	49	50	56	56	56	48	38	42	47	41	50	58	64	48	37	34	6	838
<b>Total</b>	<b>95</b>	<b>45</b>	<b>49</b>	<b>52</b>	<b>26</b>	<b>76</b>	<b>996</b>	<b>1,614</b>	<b>1,668</b>	<b>1,618</b>	<b>1,696</b>	<b>1,458</b>	<b>1,381</b>	<b>1,103</b>	<b>1,136</b>	<b>1,320</b>	<b>1,250</b>	<b>1,584</b>	<b>1,657</b>	<b>1,645</b>	<b>1,024</b>	<b>884</b>	<b>627</b>	<b>134</b>	<b>23,138</b>

## Average daily operations by hour of day

● Weekday ● Weekend



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Sep-22

# Mode utilization summary

September  
2022

Duration of mode use

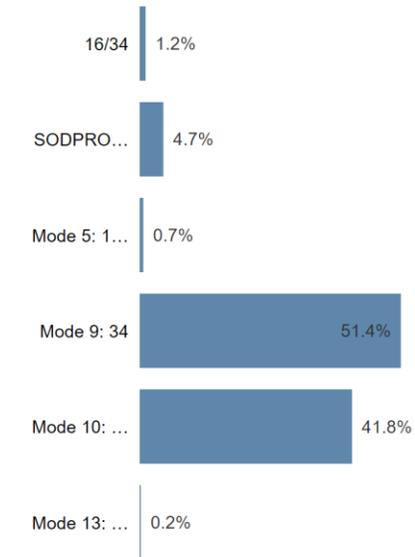
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
9/1/2022	07:00	00:15				16:45						24:00
9/2/2022	07:00	00:08					16:52					24:00
9/3/2022	07:00	00:07					16:53					24:00
9/4/2022	07:00		00:16	00:17			16:27					24:00
9/5/2022	07:00		00:02				16:58					24:00
9/6/2022	07:00			00:26			16:34					24:00
9/7/2022	07:00	00:24				16:36						24:00
9/8/2022	07:00	00:17				16:43						24:00
9/9/2022	07:00	00:17				16:43						24:00
9/10/2022	07:00	00:25	01:10			08:15	07:10					24:00
9/11/2022	07:00	00:16	05:05			06:40	04:59					24:00
9/12/2022	07:00	00:17	00:54				15:49					24:00
9/13/2022	07:00	00:19					16:41					24:00
9/14/2022	07:00	00:19	01:25			07:38	07:38					24:00
9/15/2022	07:00		00:31	00:13		16:17						24:00
9/16/2022	07:00		00:17			16:43						24:00
9/17/2022	07:00	00:24	00:02			15:39		00:55				24:00
9/18/2022	07:00	00:16	04:22			12:22						24:00
9/19/2022	07:00	00:03	04:17			03:53	08:47					24:00
9/20/2022	07:00	00:19	00:41			15:60						24:00
9/21/2022	07:00	00:16				16:44						24:00
9/22/2022	07:00	00:16				16:44						24:00
9/23/2022	07:00	00:08				16:52						24:00
9/24/2022	07:00	00:13		02:44		01:60	12:04					24:00
9/25/2022	07:00		03:49			10:06	03:05					24:00
9/26/2022	07:00	00:15	00:49			13:21	02:35					24:00
9/27/2022	07:00	00:16	00:10			14:27	02:07					24:00
9/28/2022	07:00	00:03				01:53	15:04					24:00
9/29/2022	07:00	00:13					16:47					24:00
9/30/2022	07:00	00:14					16:46					24:00
<b>Total</b>	<b>210:00</b>	<b>06:00</b>	<b>23:49</b>	<b>03:40</b>		<b>262:20</b>	<b>213:16</b>		<b>00:55</b>			<b>720:00</b>

Days with a mode used in excess of 9 hours

26 Any Mode      15 Mode 9      11 Mode 10

15 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%	4.7%	1.3%		42.4%	47.7%	0.2%	2.1%	1.2%
Time	1.3%	5.9%	1.7%		40.6%	46.5%	0.2%	2.3%	1.4%

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Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Sep-22



# Runway 16 Precision Runway Monitor operations

September  
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

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# Runway 34 departures maintaining heading

September  
2022

2,850

Flights departing from runway 34L

55

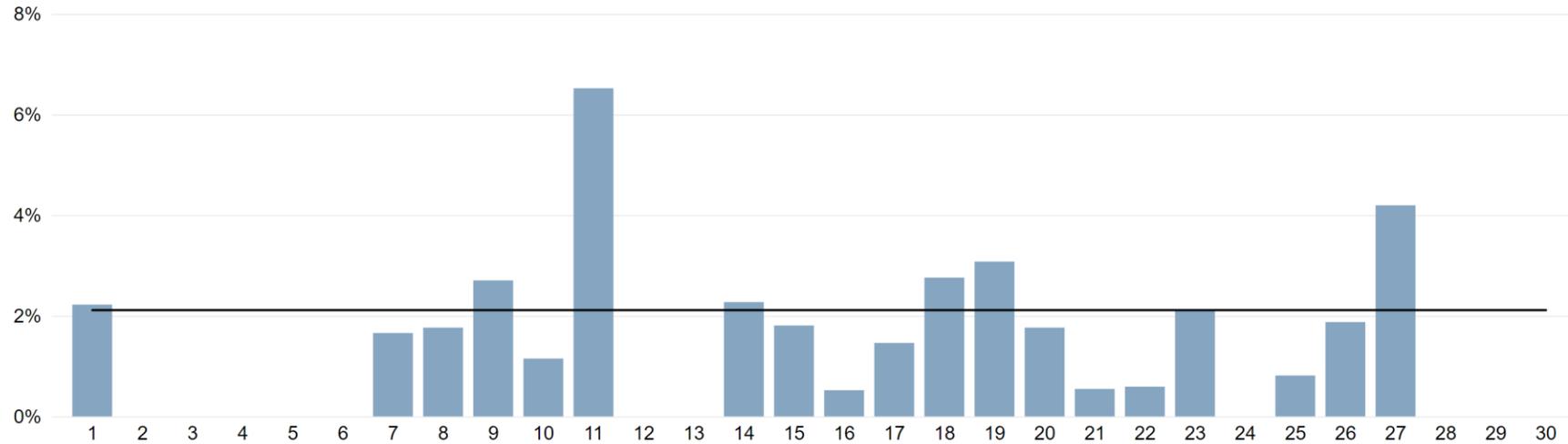
Flights maintaining runway heading

1.93%

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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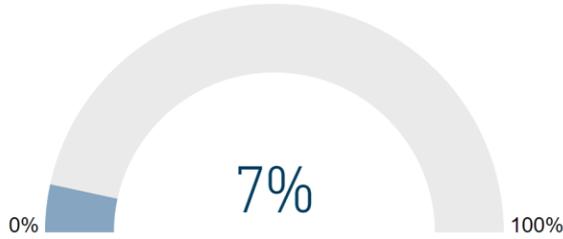
Select a month :

Sep-22

# Noise sharing during non-peak hours

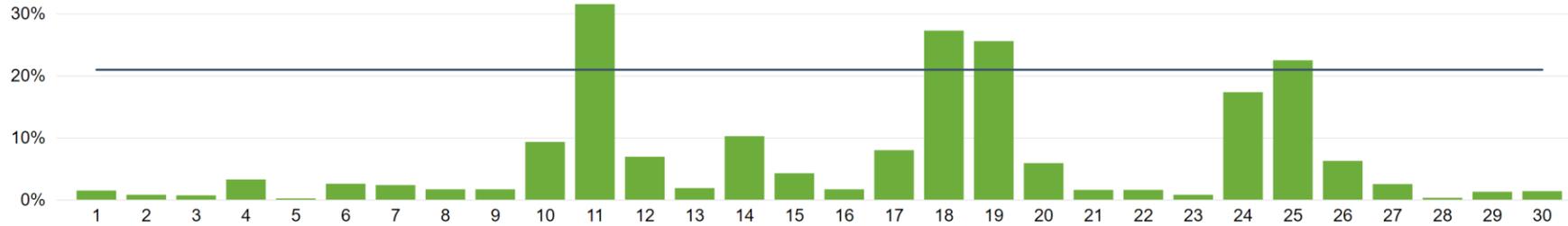
September 2022

Noise sharing time by month



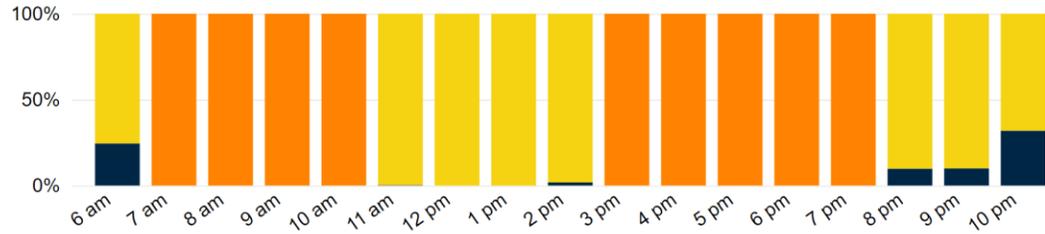
By day

● Noise Sharing Time — Average last 13 months

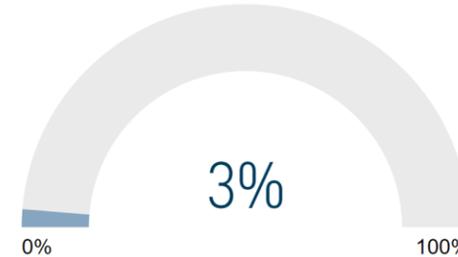


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



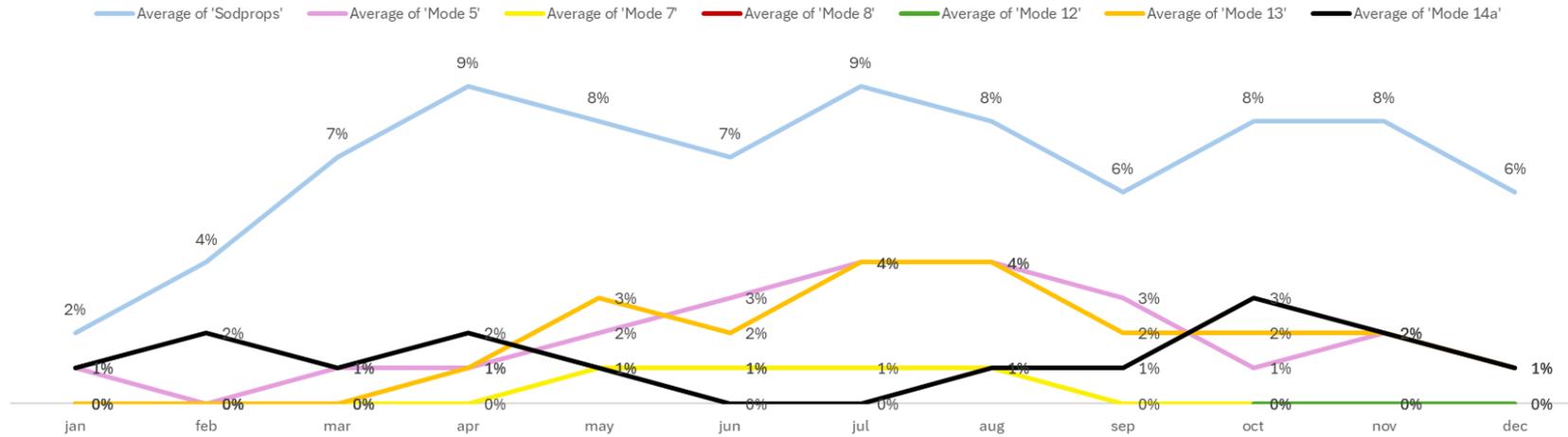
**Note :**

- 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

