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Hourly summary

Mode usage

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34L departures

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Seasonal mode

Select a month :

Oct-21

Summary (Preview)

October
2021

Preview

LTOP

Mode Usage

Total Runway Movements

2021		2020	
Oct-21	Sep-21	Oct-20	Sep-20
5,965	5,517	7,290	6,050
Total		Total	
192	184	235	202
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-21		Sep-21
North	17%	▲	24.17%	▲	23.31%
South	55%	▲	55.89%	▲	55.41%
East	13%	▼	11.15%	▼	16.73%
West	15%	▼	8.75%	▲	4.44%

▲ ▼ LTOP Target VS Oct-21
 ▼ ▲ Oct-21 VS Sep-21

Mode Utilization

Number of days individual mode used in excess of 9 hours

19

Airport Mode	Days
Mode 9	8
Mode 10	5
SODPROPS	3
Mode 13	2
Mode 14a	1

47.03%

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

ATIS time

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)

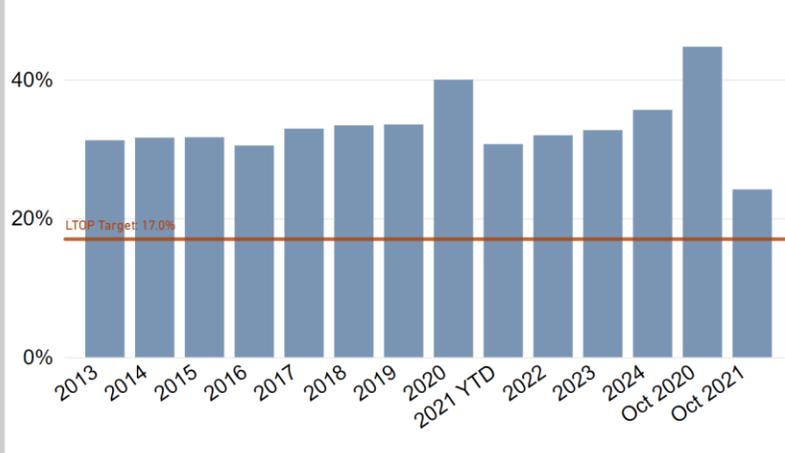
October 2021

Preview

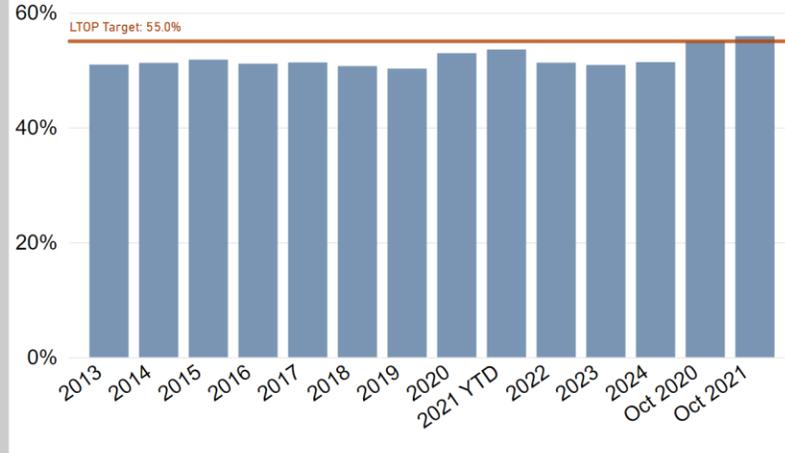
LTOP

Mode Usage

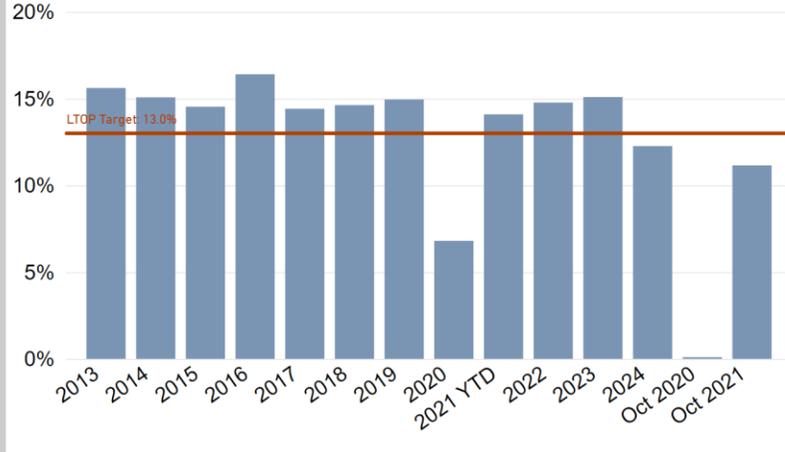
Northern runway end impact (16L and 16R arrivals plus 34L departures)



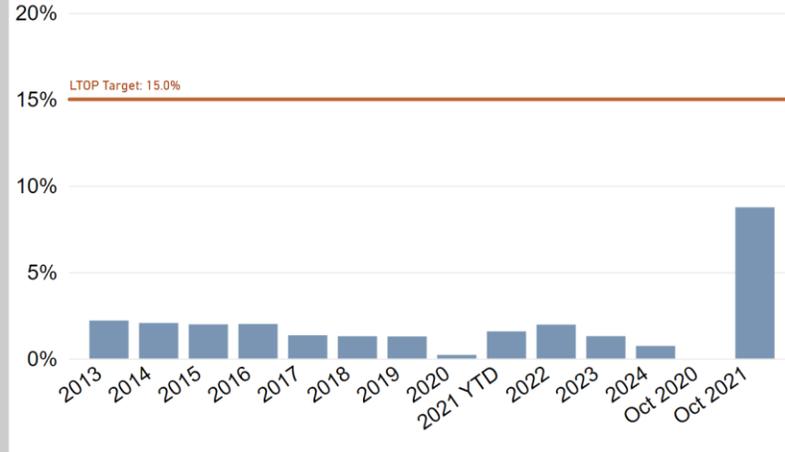
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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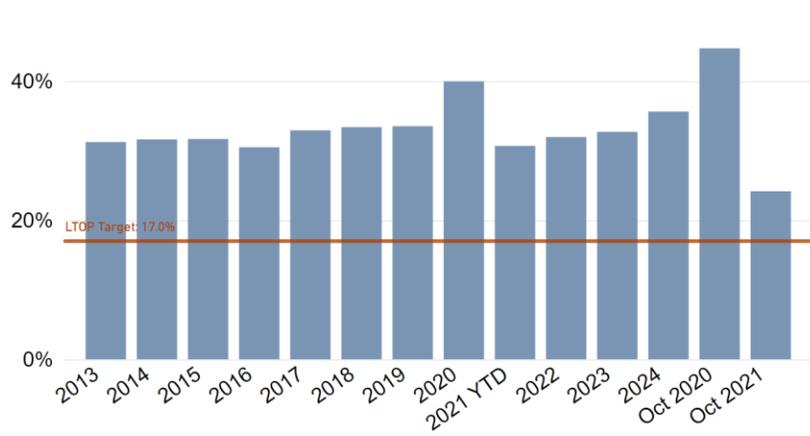
Select a month :

Oct-21

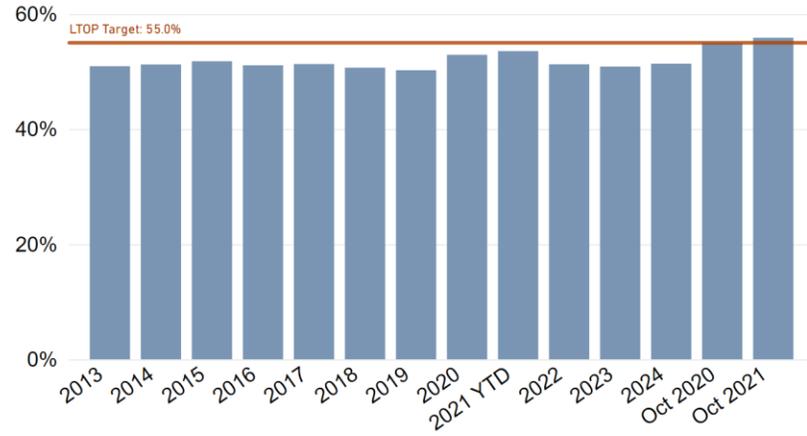
LTOP Targets

October 2021

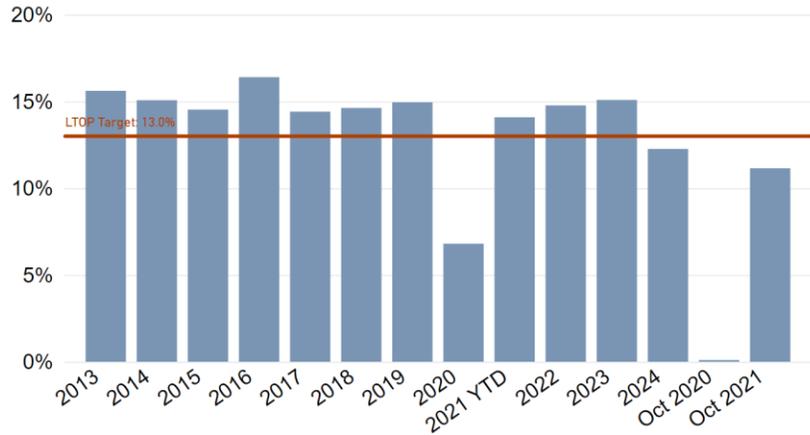
Northern runway end impact (16L and 16R arrivals plus 34L departures)



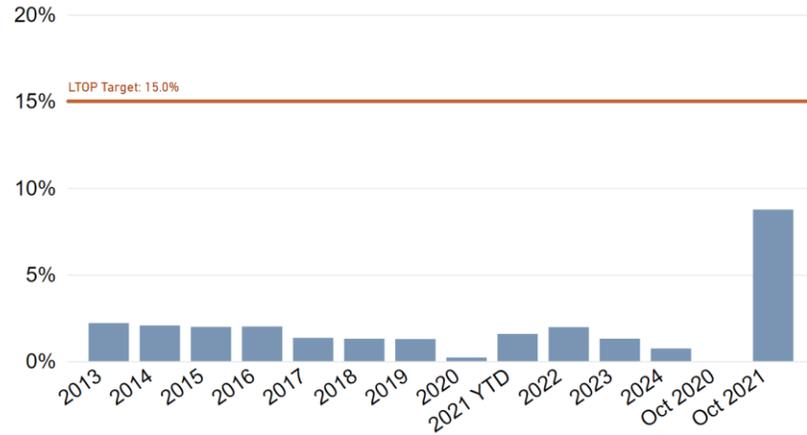
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

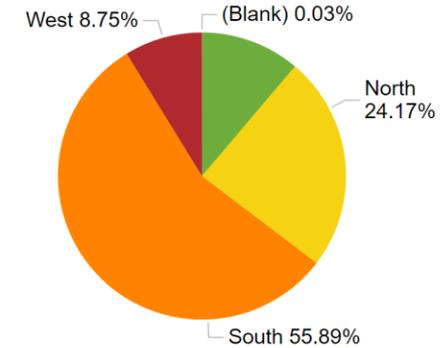
October
2021

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	
10/1/2021			30	30	25	49	74	6	24	66	8	104				208	
10/2/2021		4		4	2	33	35	19	16	53	2	90				129	
10/3/2021			12	12		42	42	14	2	67	3	86	1		1	141	
10/4/2021		31	3	34		32	32	32	10	48		90	1	5	6	162	
10/5/2021		74		74		8	8	16	34	20		70		41	41	193	
10/6/2021		34	6	40		32	32	11	51	49	2	113	1		1	186	
10/7/2021			14	14	38	31	69	11	45	47	3	106	1		1	190	
10/8/2021			20	20		47	47	10	32	76	7	125	20	1	21	213	
10/9/2021		1	5	6		47	47	25	4	67	1	97	1		1	151	
10/10/2021			1	1	53	9	62	19	53	25		97				160	
10/11/2021					97		97	12	91	3		106	1		1	204	
10/12/2021					27		27	15	87	14		116	56		56	199	
10/13/2021			19	19		37	37	7	41	55	13	116	27		27	199	
10/14/2021			31	31		61	61		20	77	10	107	5		5	204	
10/15/2021	1	1	59	1	60		33	33	8	20	39	4	71		49	214	
10/16/2021			47	1	48		20	20	2	2	13	17		41	41	126	
10/17/2021						13	33	46	29	18	64	111	2	2	4	161	
10/18/2021			6	6		59	59	46	5	102		153				218	
10/19/2021						79	5	84	13	90	23	126				210	
10/20/2021			25		25	15	15	15	18	92	11	121	44		44	205	
10/21/2021	1	1		15	15	57	9	66	8	85	30	123	13		13	218	
10/22/2021			24	9	33	18	34	52	21	61	50	14	146	7	1	8	239
10/23/2021			1	18	19	5	31	36	5	20	58	3	86				141
10/24/2021			2		2	41	7	48	21	64	13	98	32		32	180	
10/25/2021			22	16	38	27	25	52	19	70	27	6	122	33	1	34	246
10/26/2021			22		22	32	8	40	41	79	25	4	149	28		28	239
10/27/2021				11	11	16	49	65	34	20	75	16	145				221
10/28/2021			12	12		53	53	37	23	103		163				228	
10/29/2021			60	20	80	4	28	32	2	27	41	7	77		44	44	233
10/30/2021			2		2	37		37	7	76		83	37		37	159	
10/31/2021				7	7		34	34	36	20	55	9	120	27		27	188
Total	2	2	408	257	665	586	856	1,442	544	1,282	1,396	112	3,334	337	185	522	5,965

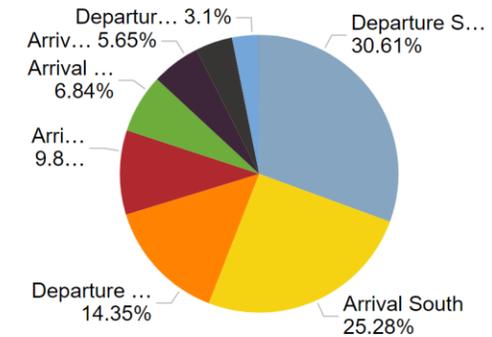
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



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Select a type :

All

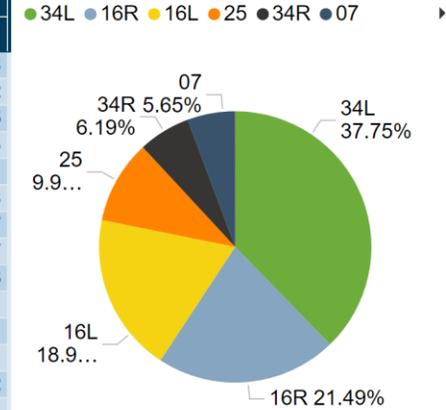
Runway use summary

October
2021

Operations by day and runway

Runway	07			16L			16R			25			34L			34R				
Date	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total		
10/1/2021							25	6	31	24	24		66	49	115	8	30	38		
10/2/2021							2	19	21	16	16	4	53	33	86	2		2		
10/3/2021				1	1		14	14	2	2			67	42	109	3	12	15		
10/4/2021				1	1		32	32	10	10	31	5	48	32	80		3	3		
10/5/2021							16	16	34	34	74	41	115	20	8	28				
10/6/2021				1	1		11	11	51	51	34		49	32	81	2	6	8		
10/7/2021				1	1	38	11	49	45	45			47	31	78	3	14	17		
10/8/2021				20	20		10	10	32	32		1	76	47	123	7	20	27		
10/9/2021				1	1		25	25	4	4	1		67	47	114	1	5	6		
10/10/2021							53	19	72	53	53		25	9	34		1	1		
10/11/2021				1	1		97	12	109	91	91		3		3					
10/12/2021				56	56		27	15	42	87	87		14		14					
10/13/2021				27	27		7	7	41	41			55	37	92	13	19	32		
10/14/2021				5	5				20	20			77	61	138	10	31	41		
10/15/2021	1		1				8	8	20	20	59	49	108	39	33	72	4	1	5	
10/16/2021							2	2	2	2	47	41	88	13	20	33		1	1	
10/17/2021				2	2		13	29	42	18	18	2	2	64	33	97				
10/18/2021							46	46	5	5			102	59	161		6	6		
10/19/2021							79	13	92	90	90		23	5	28					
10/20/2021				44	44		15	18	33	92	92	25	25	11		11				
10/21/2021		1	1	13	13		57	8	65	85	85		30	9	39		15	15		
10/22/2021				7	7		18	21	39	61	61	24	1	25	50	34	84	14	9	23
10/23/2021							5	5	10	20	20	1	1	58	31	89	3	18	21	
10/24/2021				32	32		41	21	62	64	64	2	2	13	7	20				
10/25/2021				33	33		27	19	46	70	70	22	1	23	27	25	52	6	16	22
10/26/2021				28	28		32	41	73	79	79	22	22	25	8	33	4		4	
10/27/2021							16	34	50	20	20			75	49	124	16	11	27	
10/28/2021							37	37	23	23				103	53	156		12	12	
10/29/2021							4	2	6	27	27	60	44	104	41	28	69	7	20	27
10/30/2021				37	37		37	7	44	76	76	2	2							
10/31/2021				27	27		36	36	20	20				55	34	89	9	7	16	
Total	1	1	2	337	337	586	544	1,130	1,282	1,282	408	185	593	1,396	856	2,252	112	257	369	

Operations by runway



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Select a type :

Hourly movement summary

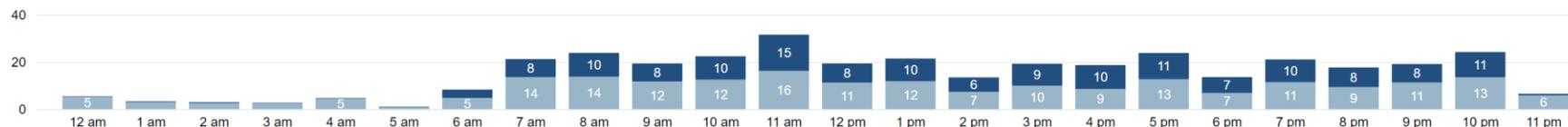
October
2021

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
10/1/2021	7	5	1	3	5		8	18	15	17	8	12	12	8	13	11	7	3	19	16	8	5	7		208
10/2/2021							6	7	11	10	11	11	6	8	1	7	8	5	6	9	4	4	14	1	129
10/3/2021					1		1	7	11	3	10	12	9	8	6	3	11	16	5	9	11	8	10		141
10/4/2021							7	16	12	11	12	13	9	12	3	6	5	10	6	10	8	10	10	2	162
10/5/2021	2			2	3		1	19	13	13	11	15	11	10	6	8	8	6	4	11	9	14	14	13	193
10/6/2021	7	4	2	2	6	2	4	13	11	8	9	18	5	9	7	7	7	8	8	10	6	12	14	7	186
10/7/2021	7	3	3	3	4	3	5	10	9	8	11	9	10	15	4	10	8	12	6	8	9	8	19	6	190
10/8/2021	5	3	2	5	9	2	7	13	15	9	11	15	14	11	9	11	11	16	8	14	9	6	7	1	213
10/9/2021		1		1		1	2	9	10	8	7	19	6	8	4	14	8	4	12	5	9	8	13	2	151
10/10/2021	1		2				5	7	9	8	12	12	9	9	9	11	8	18	5	7	9	9	7	3	160
10/11/2021			2				6	13	21	13	18	24	13	11	6	5	10	8	4	11	9	12	13	5	204
10/12/2021	6	2	3	3	5	3	3	11	14	12	15	17	7	11	7	5	6	12	7	6	12	8	17	7	199
10/13/2021	7	7	1	4	8		6	15	10	8	9	15	7	9	12	4	10	6	7	12	6	13	13	10	199
10/14/2021	8	3	3	1	4	1	5	10	14	8	11	11	11	10	2	9	4	19	6	15	6	13	19	11	204
10/15/2021	4	4	3	3	2		6	13	19	12	13	15	18	9	14	17	9	17	5	12	8	5	5	1	214
10/16/2021			1				3	7	8	10	7	18	8	6	1	6	9	5	5	7	8	8	9		126
10/17/2021					1		6	9	10	10	10	17	6	9	6	9	14	13	6	10	12	6	7		161
10/18/2021	2			2			4	15	18	13	17	23	15	18	6	10	5	11	7	8	10	13	18	3	218
10/19/2021	8	4	5		8	1	4	10	11	12	11	18	7	16	4	8	7	6	3	13	11	14	21	8	210
10/20/2021	7	4	3	3	8		3	16	15	7	12	19	6	10	6	8	6	13	5	12	9	14	14	5	205
10/21/2021	8	4	5	4	6	1	3	12	11	4	12	15	3	9	11	16	13	12	6	15	9	15	18	6	218
10/22/2021	8	4	3	3	6	1	7	14	10	15	10	18	16	11	10	18	7	24	11	10	13	10	10		239
10/23/2021			1			1	2	9	7	10	6	14	8	7	5	7	10	9	7	10	8	6	14		141
10/24/2021		1					5	9	10	5	10	16	10	7	17	14	12	17	7	11	9	11	8	1	180
10/25/2021						1	6	18	12	26	15	24	17	25	3	10	10	14	6	10	11	13	16	9	246
10/26/2021	6	8	3	4	4	2	3	7	21	14	17	18	12	11	7	8	10	13	5	10	15	16	14	11	239
10/27/2021	5	4	6	5	7		4	11	15	14	11	18	13	10	7	6	9	13	5	12	12	13	14	7	221
10/28/2021	6	2	7	3	5		5	14	12	8	11	11	16	12	8	13	12	21	5	10	11	11	16	9	228
10/29/2021	8	3	2	3	6		3	17	10	14	18	12	14	11	9	18	15	22	11	15	5	12	4	1	233
10/30/2021		1					2	6	15	10	9	18	4	15	8	7	9	8	7	12	7	8	13		159
10/31/2021	1			1			3	6	10	2	17	16	15	19	4	15	12	16	7	16	6	10	12		188
Total	113	67	58	55	98	19	135	361	389	322	361	493	317	344	215	301	280	377	211	336	279	315	390	129	5,965

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

October
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Duration of mode use

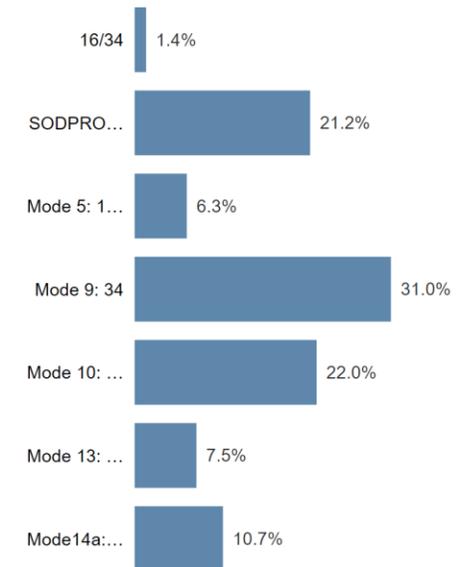
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
10/1/2021	07:00	00:27	01:03			12:33	02:57					24:00
10/2/2021	07:00	00:14	06:53	00:36		07:41	01:36					24:00
10/3/2021	07:00	00:27	06:45			09:48						24:00
10/4/2021	07:00	00:24	07:56	04:60		01:50			01:50			24:00
10/5/2021	07:00	00:20	02:58	02:37					11:05			24:00
10/6/2021	07:00	00:16		07:39		09:05						24:00
10/7/2021	07:00	00:13	04:17			06:18	06:12					24:00
10/8/2021	07:00	00:15				13:04				03:41		24:00
10/9/2021	07:00	00:22	10:18			06:20						24:00
10/10/2021	07:00	00:07	02:50	00:32		01:60	11:31					24:00
10/11/2021	07:00	00:14					16:46					24:00
10/12/2021	07:00	00:13					07:39			09:08		24:00
10/13/2021	07:00					11:49				05:11		24:00
10/14/2021	07:00	00:14				16:46						24:00
10/15/2021	07:00	00:20	01:17	02:46		05:31			07:07			24:00
10/16/2021	07:00	00:20	01:36			03:18			11:46			24:00
10/17/2021	07:00	00:18	12:27				04:15					24:00
10/18/2021	07:00	00:15	08:55			07:50						24:00
10/19/2021	07:00	00:02	03:05				13:53					24:00
10/20/2021	07:00	00:15	00:49	04:32			02:35			08:49		24:00
10/21/2021	07:00	00:08				04:39	10:00			02:13		24:00
10/22/2021	07:00	00:23		04:24		07:16	04:00			00:57		24:00
10/23/2021	07:00	00:02	05:34	00:32		09:17	00:53			00:42		24:00
10/24/2021	07:00	00:16	02:29				09:27			04:48		24:00
10/25/2021	07:00		01:12	02:08		03:42	04:57			05:01		24:00
10/26/2021	07:00		04:24	02:27			06:39			03:29		24:00
10/27/2021	07:00	00:19	05:51			09:22	01:28					24:00
10/28/2021	07:00	00:16	13:35			03:09						24:00
10/29/2021	07:00	00:05	01:20			05:54	02:07		07:33			24:00
10/30/2021	07:00	00:15					08:59			07:46		24:00
10/31/2021	07:00	00:17	06:12			06:01				04:30		24:00
Total	217:00	07:17	111:45	33:13		163:13	115:55		39:21	56:15		744:00

Days with a mode used in excess of 9 hours

19 Any Mode 8 Mode 9 5 Mode 10

22 At any time 21 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%	8.1%	3.5%	0.0%	43.8%	40.8%		2.1%	1.0%
Time	1.6%	11.0%	6.5%	0.1%	42.4%	33.0%		3.4%	2.0%

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Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Oct-21

Runway 16 Precision Runway Monitor operations

October
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 page :

Summary

LTOP targets

Ops by direction

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Select a month :

Oct-21

Runway 34 departures maintaining heading

October
2021

856

Flights departing from runway 34L

20

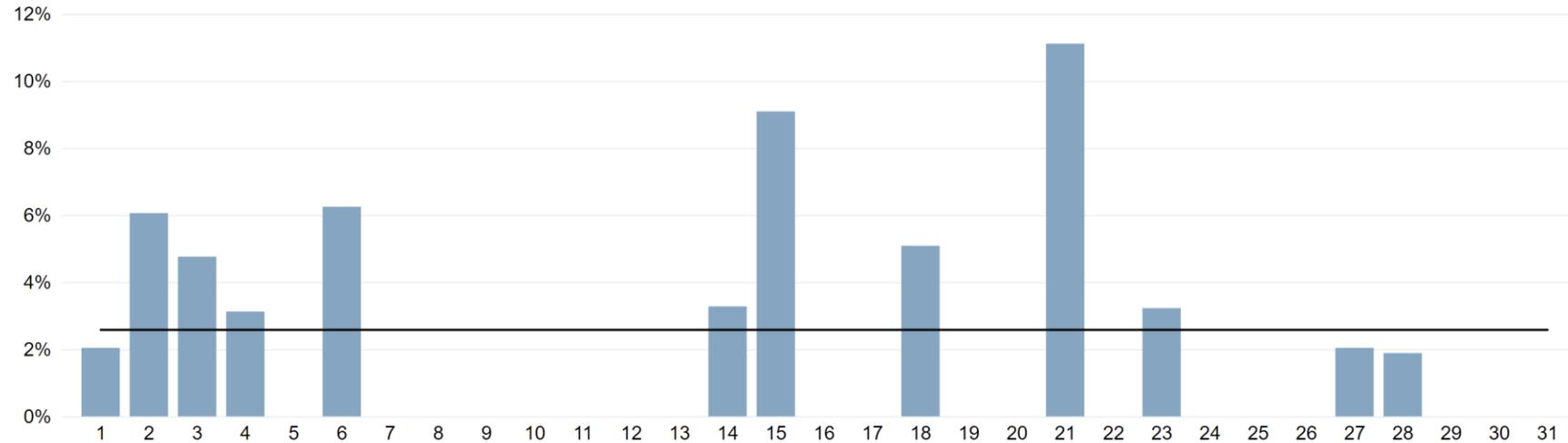
Flights maintaining runway heading

2.34%

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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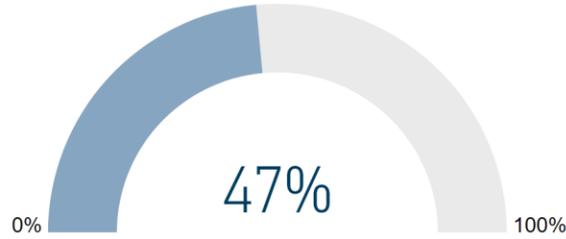
Select a month :

Oct-21

Noise sharing during non-peak hours

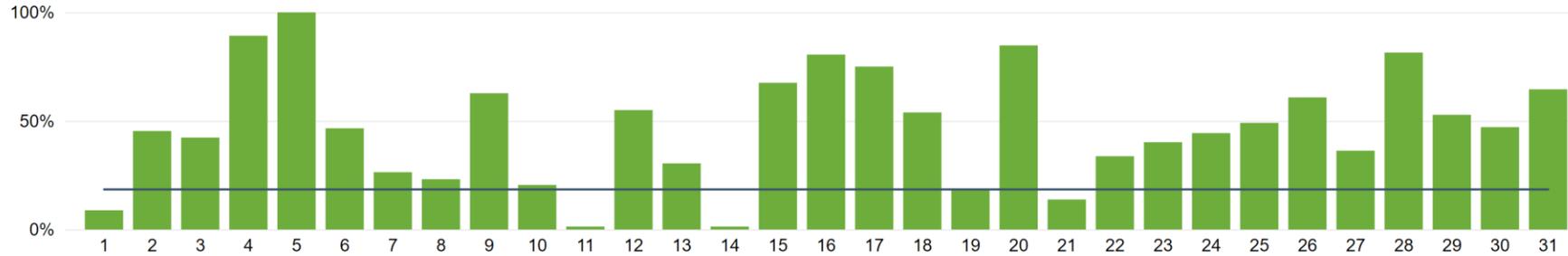
October 2021

Noise sharing time by month



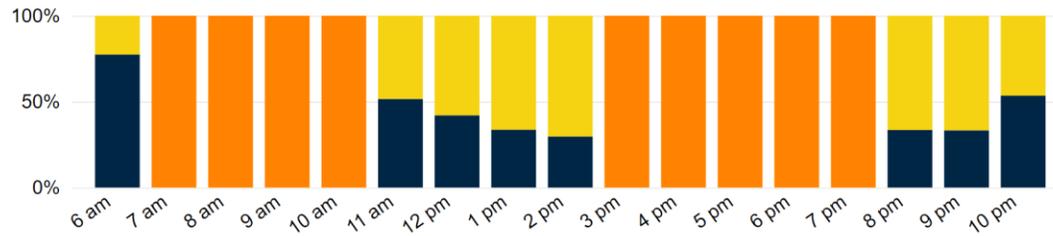
By day

● Noise Sharing Time — Average last 13 months

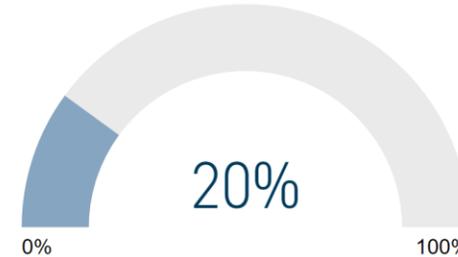


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



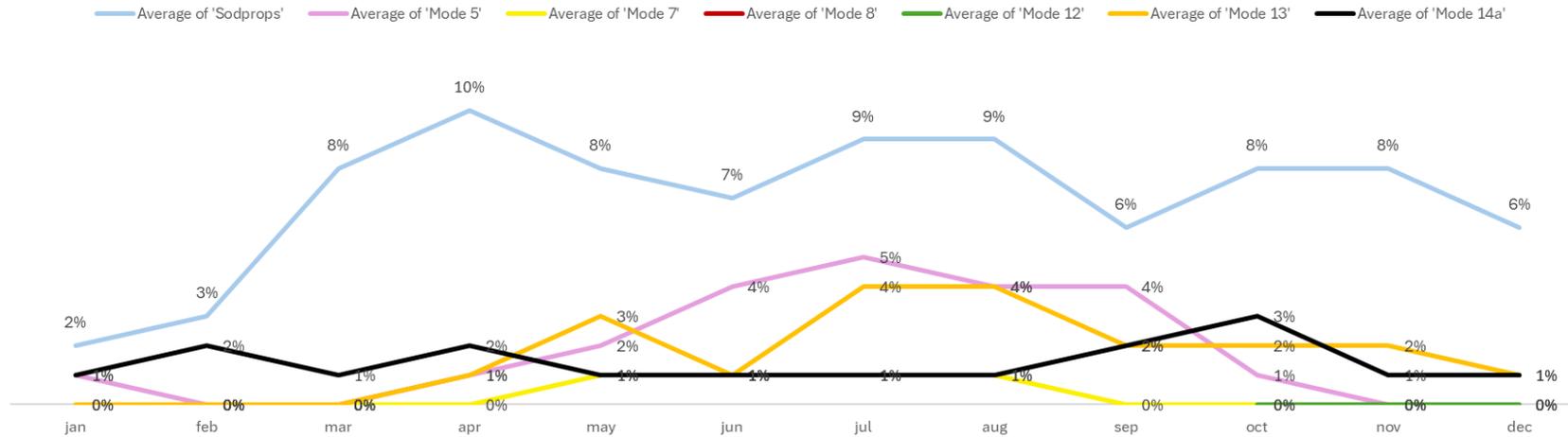
Note :

- 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

