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Mode usage

PRM operations

34L departures

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Seasonal mode

Select a month :

Nov-22

Summary (Preview)

November
2022

Preview

LTOP

Mode Usage

Total Runway Movements

2022		2021	
Nov-22	Oct-22	Nov-21	Oct-21
24,575 Total	24,120 Total	10,848 Total	5,965 Total
819 Daily Avg	778 Daily Avg	362 Daily Avg	192 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	Nov-22	Oct-22
North	17%	▲ 28.88%	▼ 31.80%
South	55%	▼ 45.89%	▼ 50.46%
East	13%	▲ 18.97%	▲ 16.37%
West	15%	▼ 6.25%	▲ 1.34%

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

Mode Utilization

Number of days individual mode used in excess of 9 hours

28

Airport Mode	Days
Mode 9	13
Mode 10	11
Mode 13	4

16.85%

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
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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Summary (LTOP)

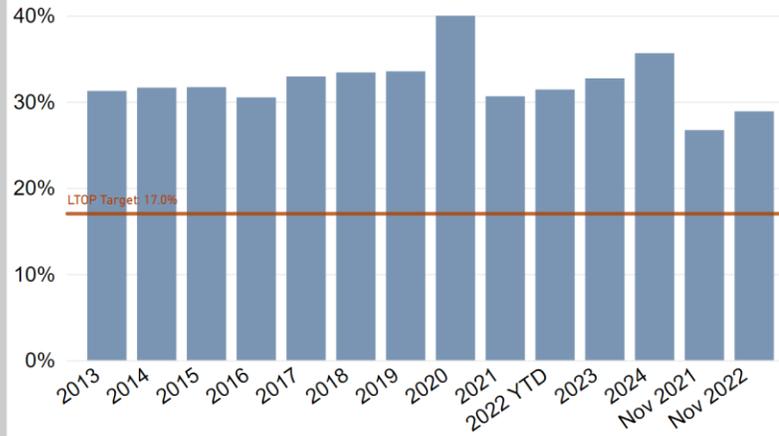
November 2022

Preview

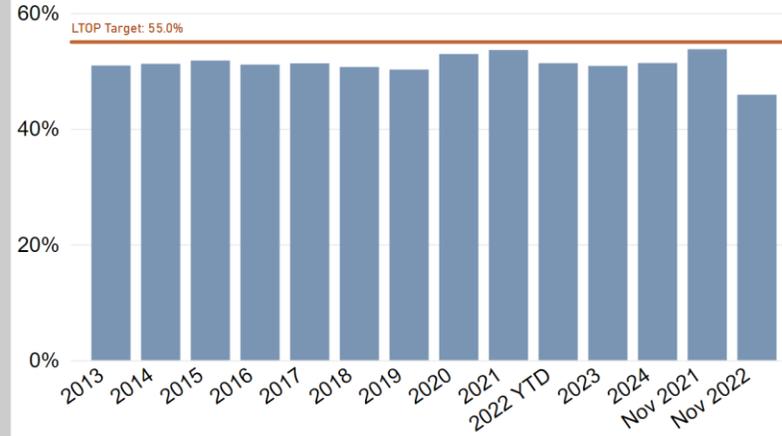
LTOP

Mode Usage

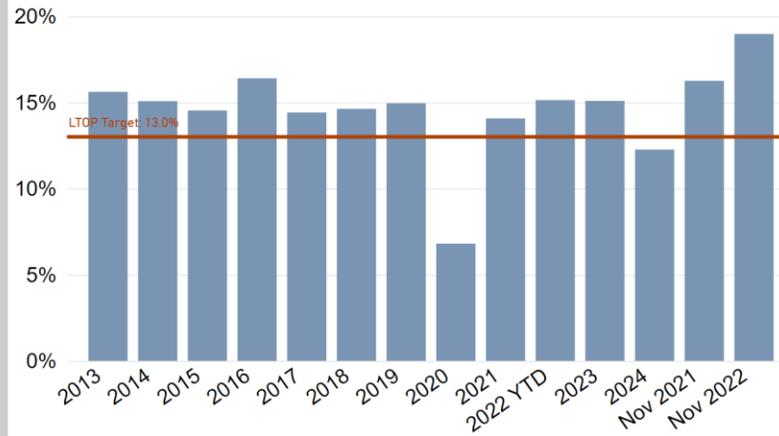
Northern runway end impact (16L and 16R arrivals plus 34L departures)



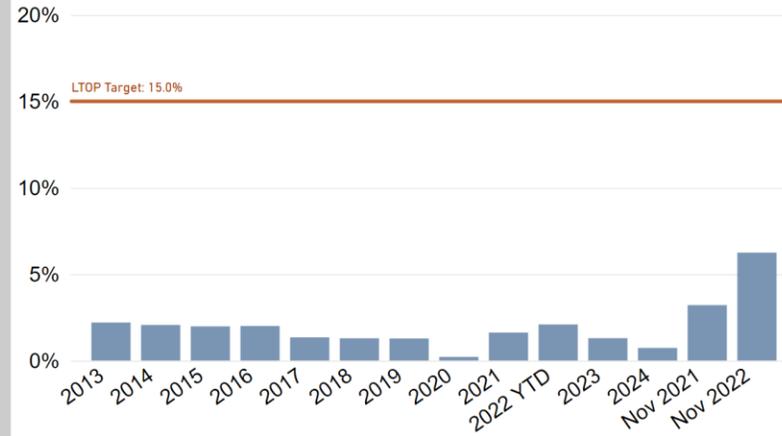
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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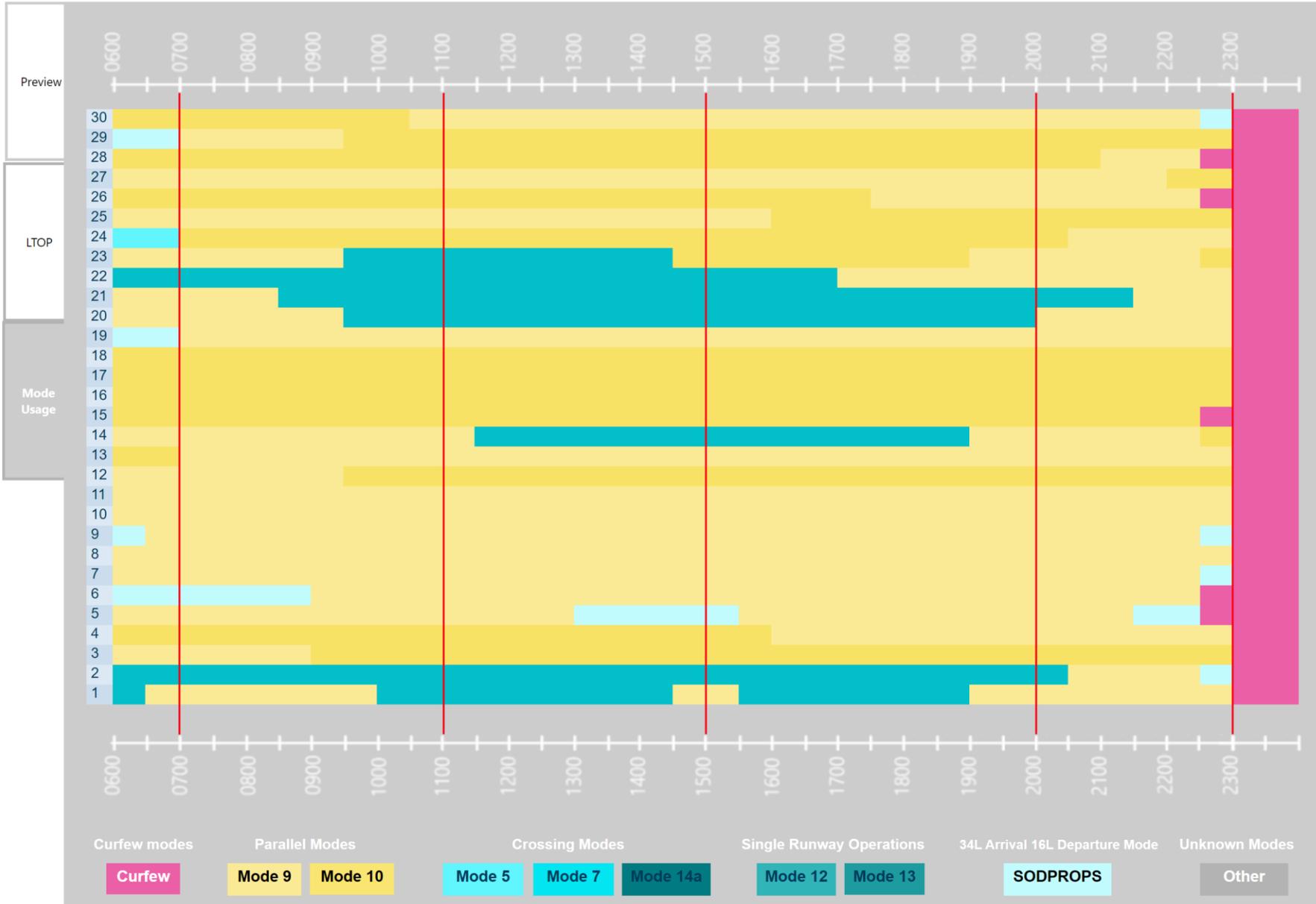
Select a month :

Nov-22



Summary (Mode Usage)

November
2022



Curfew modes

Curfew

Parallel Modes

Mode 9

Mode 10

Crossing Modes

Mode 5

Mode 7

Mode 14a

Single Runway Operations

Mode 12

Mode 13

34L Arrival 16L Departure Mode

SODPROPS

Unknown Modes

Other

Select a page :

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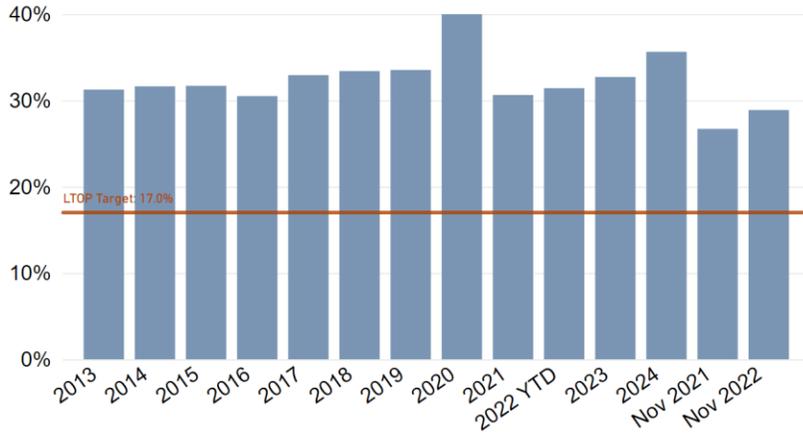
Select a month :

Nov-22

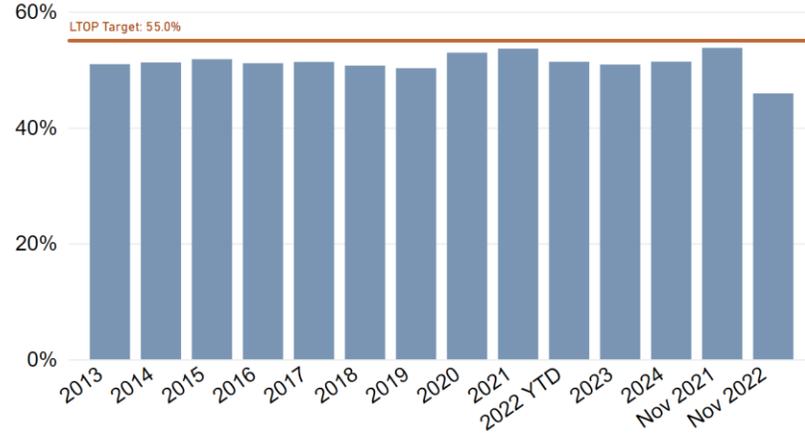
LTOP Targets

November 2022

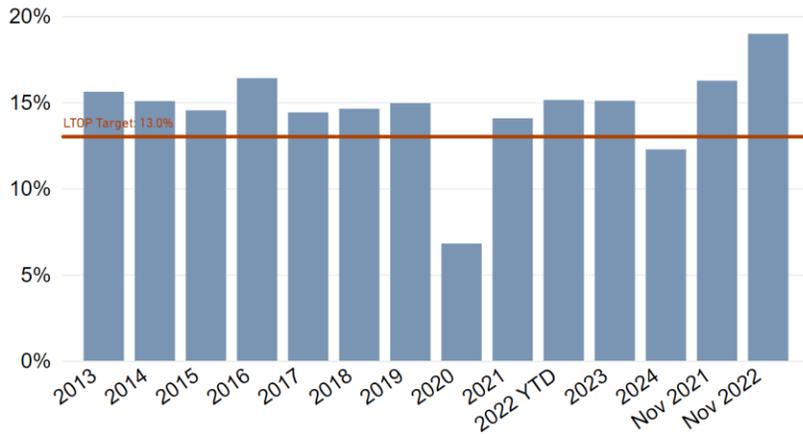
Northern runway end impact (16L and 16R arrivals plus 34L departures)



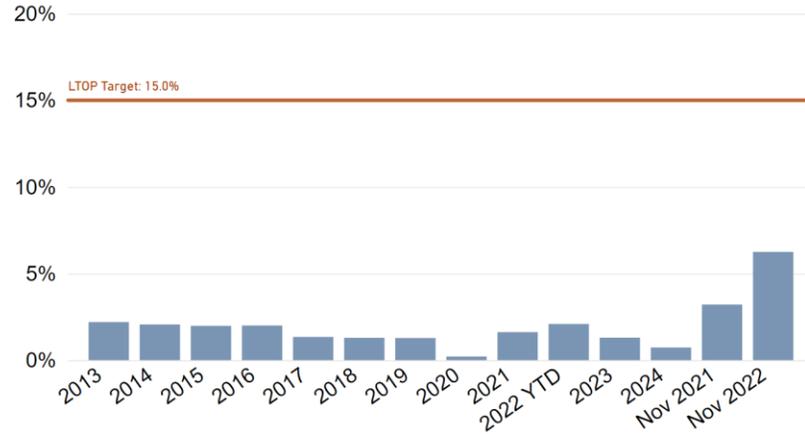
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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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Nov-22

Select a type :

All

Operations by direction

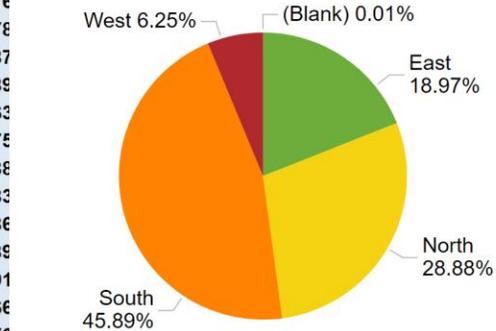
November 2022

Operations by day, direction and runway

Sector	Date	Total	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
11/1/2022			172	111	283			85	85	5	6	143	66	220		176	176	76
11/2/2022			303	24	327		1	29	30	14	20	44	45	123		308	308	78
11/3/2022	1	1		53	53	136	202	22	360	121	237	56	42	456				87
11/4/2022				83	83	109	158	80	347	101	184	115	65	465				89
11/5/2022				137	137			136	136	31	2	253	79	365		1	1	63
11/6/2022	1	1		181	181			166	166	35	6	285	83	409				75
11/7/2022				234	234			197	197	3	6	287	154	450				88
11/8/2022				216	216			173	173	11	10	282	139	442				83
11/9/2022				213	213			190	190	24	9	284	143	460				86
11/10/2022				247	247			186	186	10	5	296	153	464				89
11/11/2022				249	249			198	198	9	4	298	161	472				91
11/12/2022				52	52	90	154	29	273	65	176	62	38	341				66
11/13/2022				211	211	2	12	168	182	3	8	225	135	371				76
11/14/2022			157	138	295	2	3	111	116		17	174	96	287		165	165	86
11/15/2022						146	256		402	113	309	14		436	1		1	83
11/16/2022						160	262		422	126	323	12		461				88
11/17/2022						165	271		436	130	306	12		448				88
11/18/2022						161	273		434	140	308	9		457				89
11/19/2022				156	156			145	145	11	1	254	80	346				64
11/20/2022			215	62	277			60	60		9	93	38	140		239	239	71
11/21/2022			288	48	336			48	48		12	75	47	134		301	301	81
11/22/2022			236	72	308		1	76	77		22	119	47	188		227	227	80
11/23/2022			110	97	207	55	75	73	203	38	117	126	63	344		110	110	86
11/24/2022			13	11	24	153	224	20	397	143	270	52	15	480	1		1	90
11/25/2022				140	140	70	109	114	293	50	141	169	91	451				88
11/26/2022				34	34	117	149	40	306	90	168	66	13	337	3		3	68
11/27/2022				201	201	8	18	153	179	4	26	232	107	369	1		1	75
11/28/2022				10	10	166	223	23	412	128	280	41	9	458	1		1	88
11/29/2022				35	35	119	207	27	353	120	239	64	44	467				85
11/30/2022				153	153	60	80	152	292	55	88	188	106	437	1		1	88
Total	2	2	1,494	3,168	4,662	1,719	2,678	2,701	7,098	1,580	3,309	4,330	2,059	11,278	8	1,527	1,535	24,5

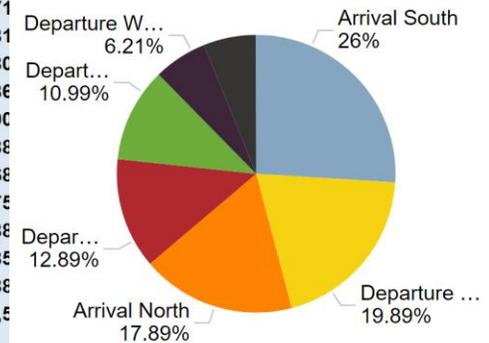
Total operations by compass direction

(Blank) East North South West



Arrivals/departures by direction

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



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Nov-22

Select a type :

All

Runway use summary

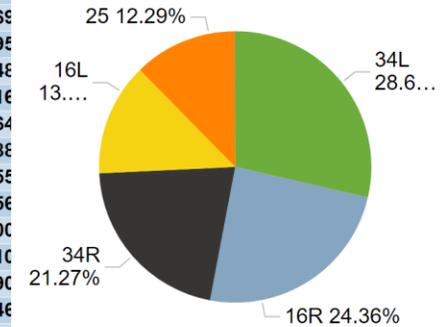
November 2022

Operations by day and runway

Runway	07			16L			16R			25			34L			34R					
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total			
11/1/2022						5		5		6	6	172	176	348	143	85	228	66	111	177	
11/2/2022						14		14	1	20	21	303	308	611	44	29	73	45	24	69	
11/3/2022	1		1			136	121	257	202	237	439				56	22	78	42	53	95	
11/4/2022						109	101	210	158	184	342				115	80	195	65	83	148	
11/5/2022						31		31		2	2		1	1	253	136	389	79	137	216	
11/6/2022		1	1			35		35		6	6				285	166	451	83	181	264	
11/7/2022						3		3		6	6				287	197	484	154	234	388	
11/8/2022						11		11		10	10				282	173	455	139	216	356	
11/9/2022						24		24		9	9				284	190	474	143	213	356	
11/10/2022						10		10		5	5				296	186	482	153	247	400	
11/11/2022						9		9		4	4				298	198	496	161	249	410	
11/12/2022						90	65	155	154	176	330				62	29	91	38	52	90	
11/13/2022						2	3	5	12	8	20				225	168	393	135	211	346	
11/14/2022						2		2	3	17	20	157	165	322	174	111	285	96	138	234	
11/15/2022				1	1	146	113	259	256	309	565				14		14				
11/16/2022						160	126	286	262	323	585				12		12				
11/17/2022						165	130	295	271	306	577				12		12				
11/18/2022						161	140	301	273	308	581				9		9				
11/19/2022						11		11		1	1				254	145	399	80	156	236	
11/20/2022										9	9	215	239	454	93	60	153	38	62	100	
11/21/2022										12	12	288	301	589	75	48	123	47	48	95	
11/22/2022										1	22	23	236	227	463	119	76	195	47	72	119
11/23/2022						55	38	93	75	117	192	110	110	220	126	73	199	63	97	160	
11/24/2022				1	1	153	143	296	224	270	494	13		13	52	20	72	15	11	26	
11/25/2022						70	50	120	109	141	250				169	114	283	91	140	231	
11/26/2022				3	3	117	90	207	149	168	317				66	40	106	13	34	47	
11/27/2022				1	1	8	4	12	18	26	44				232	153	385	107	201	308	
11/28/2022				1	1	166	128	294	223	280	503				41	23	64	9	10	19	
11/29/2022						119	120	239	207	239	446				64	27	91	44	35	79	
11/30/2022				1	1	60	55	115	80	88	168				188	152	340	106	153	255	
Total	1	1	2	8	8	1,5...	1,5...	3,2...	2,...	3,...	5,987	1,...	1,...	3,021	4,330	2,701	7,031	2,...	3,168	5,227	

Operations by runway

● 34L ● 16R ● 34R ● 16L ● 25 ● 07



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- Seasonal mode

Select a month :

Select a type :

Hourly movement summary

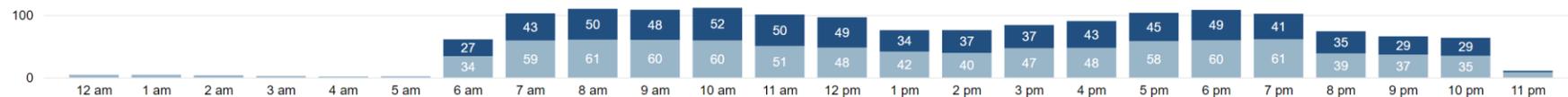
November 2022

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
11/1/2022	2	2			1	4	35	51	55	54	45	47	37	43	39	40	37	44	45	60	36	46	32	9	764
11/2/2022	6	3	5	2	2	2	30	43	44	37	45	46	46	45	48	40	45	40	43	52	41	63	48	12	788
11/3/2022	6	2	3	4	2	3	31	57	63	58	61	55	47	41	40	49	49	60	65	64	36	31	37	6	870
11/4/2022	5	3	5	2	2	1	34	63	70	59	66	54	49	48	42	54	47	65	68	64	39	28	26	1	895
11/5/2022			1				27	54	62	60	57	49	46	33	30	26	38	42	35	25	20	15	18	1	639
11/6/2022						1	22	35	39	45	51	49	47	39	44	43	57	59	67	60	36	32	29	2	757
11/7/2022	1		2		1		38	53	68	70	63	52	54	43	41	49	51	63	55	63	41	31	34	8	881
11/8/2022	5	3	2	2	1	2	36	59	61	68	53	46	44	37	39	41	47	51	64	50	35	40	33	12	831
11/9/2022	6	4	3	4	2	2	35	61	61	64	65	53	40	41	37	45	50	56	68	58	33	29	35	11	863
11/10/2022	4	5	2	3	2	1	32	66	63	61	68	50	53	36	42	48	42	62	69	67	40	34	38	9	897
11/11/2022	6	3	5	3	1	2	34	67	67	62	60	59	55	44	40	52	48	65	62	79	43	30	28	4	919
11/12/2022	1					1	33	56	62	55	58	56	47	32	26	32	36	43	34	26	21	19	27	1	666
11/13/2022			1				23	34	45	43	40	58	52	30	41	52	46	51	62	59	58	34	35		764
11/14/2022			1				37	56	64	64	67	43	48	46	44	45	50	46	44	70	47	49	34	8	863
11/15/2022	5	5	5	2	3	1	34	69	63	58	62	44	44	39	33	43	45	56	51	57	42	35	30	13	839
11/16/2022	5	10	2	2	3	1	36	66	57	64	60	57	52	37	23	47	52	58	55	71	40	42	35	8	883
11/17/2022	6	6	3	3	2	1	30	68	61	62	67	42	53	43	37	51	48	64	64	65	32	35	35	6	884
11/18/2022	5	7	1	3	1	1	35	64	67	59	67	52	50	40	38	57	43	67	67	62	42	31	31	1	891
11/19/2022		1					31	52	51	53	59	47	49	33	37	27	34	34	44	28	19	24	24		647
11/20/2022		1					27	27	36	37	49	43	45	42	38	37	42	49	47	49	61	39	36	11	716
11/21/2022				1	1		37	54	55	57	51	51	48	47	43	47	40	47	44	49	36	47	49	15	819
11/22/2022	2	5	2	2	2	1	35	46	45	37	51	45	45	51	43	42	42	63	59	67	37	29	38	11	800
11/23/2022	4	3	3	3	3		38	54	65	53	53	48	45	49	44	47	54	56	57	62	43	35	35	10	864
11/24/2022	5	5	5	3	1	1	36	68	61	68	57	55	46	34	45	53	45	67	64	66	41	32	36	8	902
11/25/2022	4	7	5	2	3		33	57	55	71	58	54	50	38	37	51	60	67	64	58	43	36	29	2	884
11/26/2022			1	1		1	30	56	63	51	55	49	53	38	34	29	40	41	40	27	25	25	21		680
11/27/2022	1		1				22	33	38	42	48	52	50	28	42	51	51	44	60	53	43	46	41	4	750
11/28/2022	1						33	58	63	62	71	60	49	42	43	52	44	59	68	57	32	38	35	14	881
11/29/2022	3	6	3	4	1	3	32	63	63	74	55	49	47	35	36	40	49	60	75	49	36	27	34	11	855
Total	86	88	63	49	36	29	970	1,654	1,729	1,714	1,727	1,514	1,443	1,188	1,161	1,331	1,389	1,645	1,703	1,677	1,135	1,042	997	205	24,575

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

November
2022

Duration of mode use

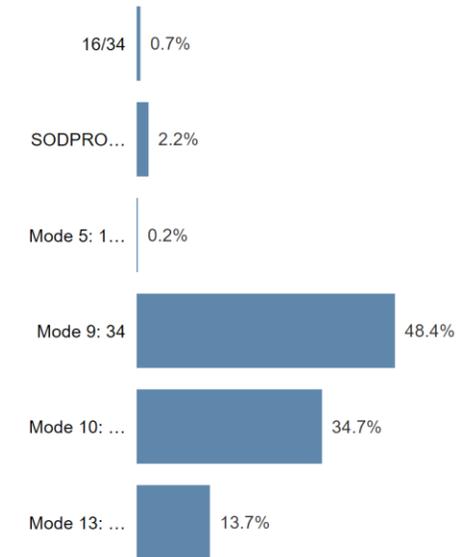
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode14a: 16/07	Other	Total
11/1/2022	07:00		00:14			07:57			08:49			24:00
11/2/2022	07:00		00:20			02:05			14:35			24:00
11/3/2022	07:00		00:11			03:13	13:36					24:00
11/4/2022	07:00	00:13	00:01			06:46	10:01					24:00
11/5/2022	07:00	00:20	03:55			12:45						24:00
11/6/2022	07:00	00:17	03:05			13:38						24:00
11/7/2022	07:00		00:16			16:44						24:00
11/8/2022	07:00		00:11			16:49						24:00
11/9/2022	07:00		00:51			16:09						24:00
11/10/2022	07:00		00:13			16:47						24:00
11/11/2022	07:00					17:00						24:00
11/12/2022	07:00		00:01			03:35	13:24					24:00
11/13/2022	07:00	00:04				15:49	01:07					24:00
11/14/2022	07:00					09:08	00:28		07:23			24:00
11/15/2022	07:00	00:16					16:44					24:00
11/16/2022	07:00						17:00					24:00
11/17/2022	07:00	00:10					16:50					24:00
11/18/2022	07:00	00:13					16:47					24:00
11/19/2022	07:00	00:15	00:47			15:58						24:00
11/20/2022	07:00	00:13				06:09			10:38			24:00
11/21/2022	07:00	00:15				03:52			12:53			24:00
11/22/2022	07:00	00:14				05:52			10:54			24:00
11/23/2022	07:00					07:06	05:02		04:52			24:00
11/24/2022	07:00	00:15		00:53		02:20	13:33					24:00
11/25/2022	07:00					10:03	06:57					24:00
11/26/2022	07:00	00:22	00:02			05:03	11:33					24:00
11/27/2022	07:00	00:06				15:46	01:08					24:00
11/28/2022	07:00	00:23				01:49	14:48					24:00
11/29/2022	07:00		00:56			02:28	13:36					24:00
11/30/2022	07:00		00:19			12:03	04:38					24:00
Total	210:00	03:36	11:22	00:53		246:55	177:10		70:04			720:00

Days with a mode used in excess of 9 hours

28 13 11
Any Mode Mode 9 Mode 10

15 15
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	0.4%	4.2%	1.1%		44.3%	45.7%	0.2%	3.2%	1.0%
Time	1.3%	5.3%	1.4%		42.5%	44.7%	0.2%	3.4%	1.2%

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Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Nov-22



Runway 16 Precision Runway Monitor operations

November
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

November
2022

2,701

Flights departing from runway 34L

70

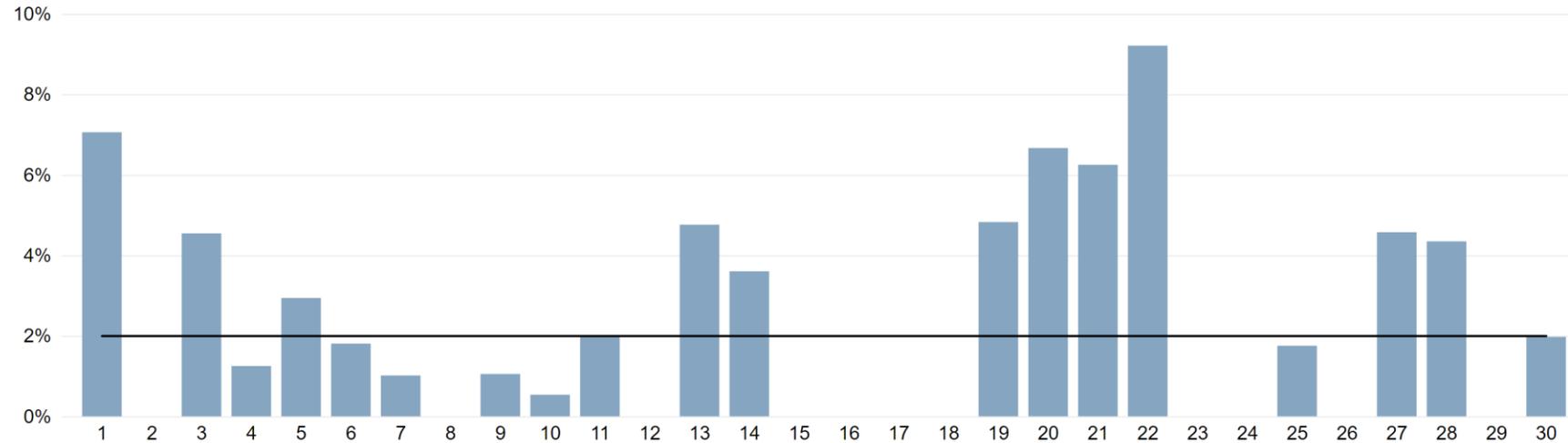
Flights maintaining runway heading

2.59%

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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Noise sharing during non-peak hours

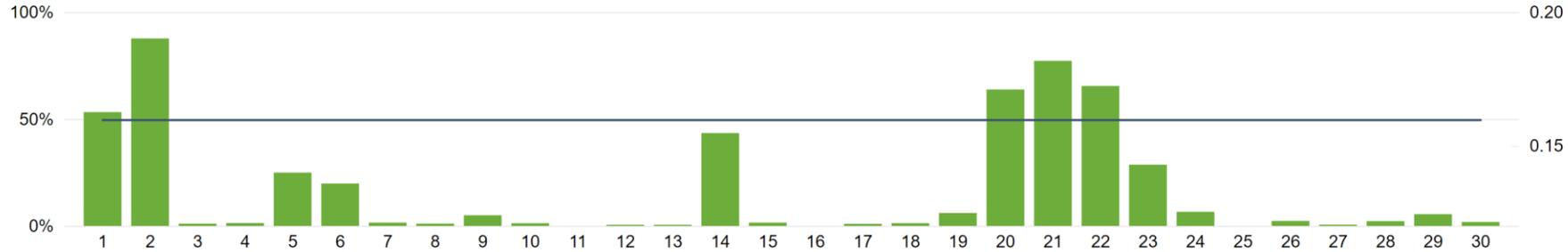
November 2022

Noise sharing time by month



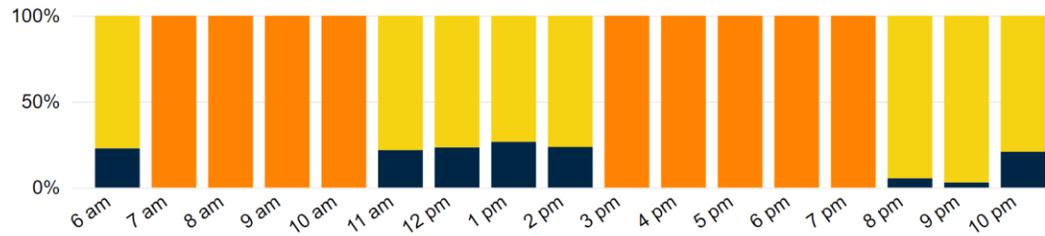
By day

● Noise Sharing Time — Average last 13 months

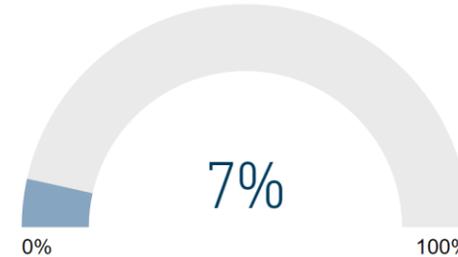


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



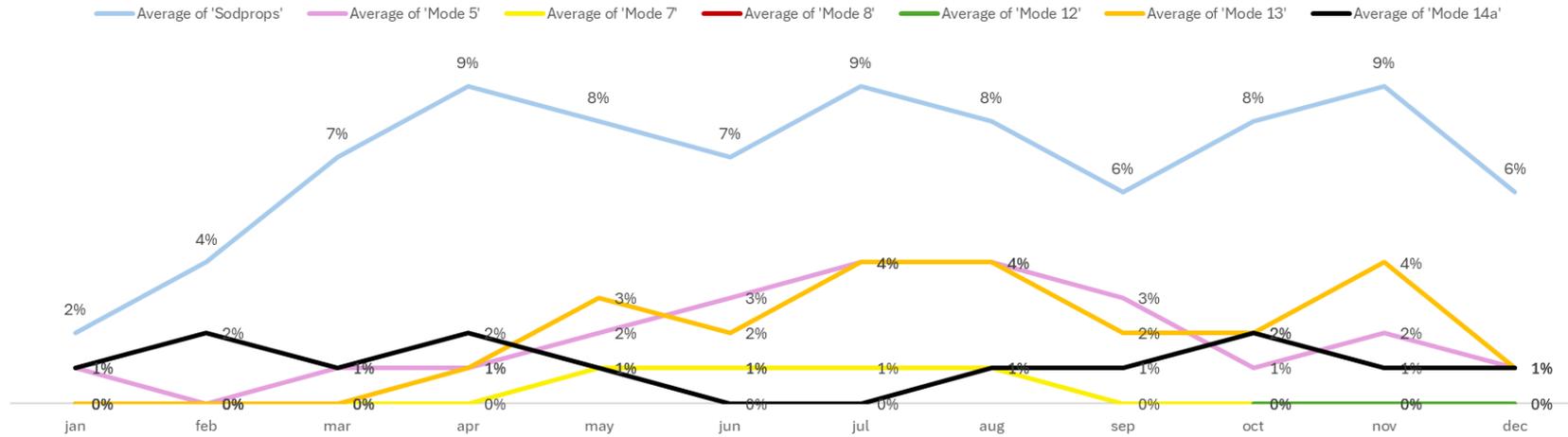
Note :

- 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

