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Nov-20

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2020

Preview

LTOP

Mode Usage

Total Runway Movements

2020		2019	
Nov-20	Oct-20	Nov-19	Oct-19
8,821	7,290	27,903	29,357
Total	Total	Total	Total
294	235	930	947
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	Nov-20	Oct-20
North	17%	▲ 44.62%	▼ 44.73%
South	55%	▼ 53.58%	▼ 54.99%
East	13%	▼ 1.69%	▲ 0.10%
West	15%	▼ 0.00%	0.00%

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

Mode Utilization

Number of days individual mode used in excess of 9 hours

28

Airport Mode	Days
Mode 9	16
Mode 10	12

2.17%

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)

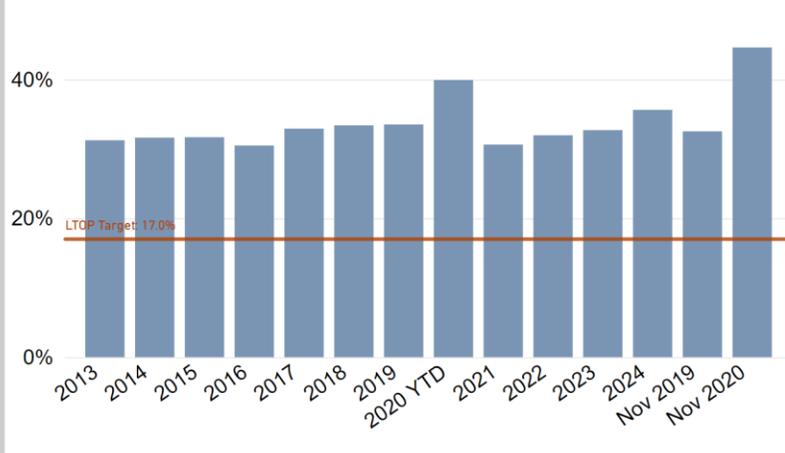
November 2020

Preview

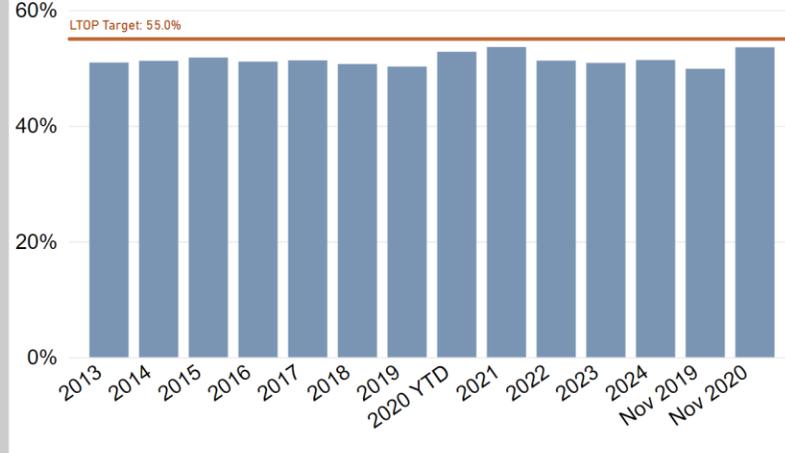
LTOP

Mode Usage

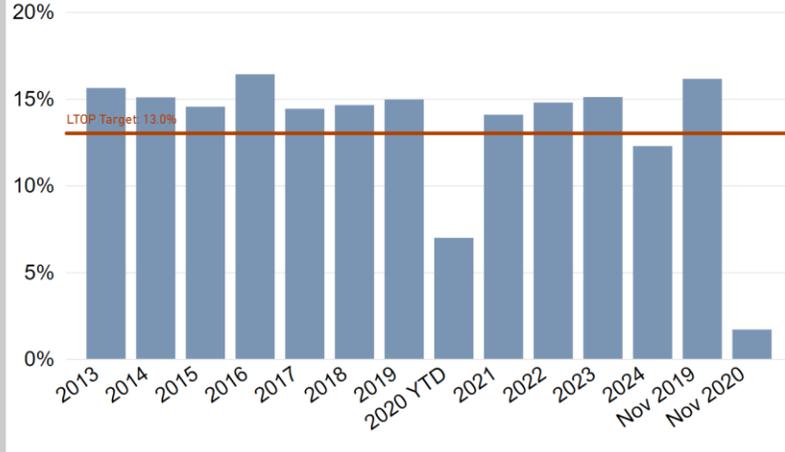
Northern runway end impact (16L and 16R arrivals plus 34L departures)



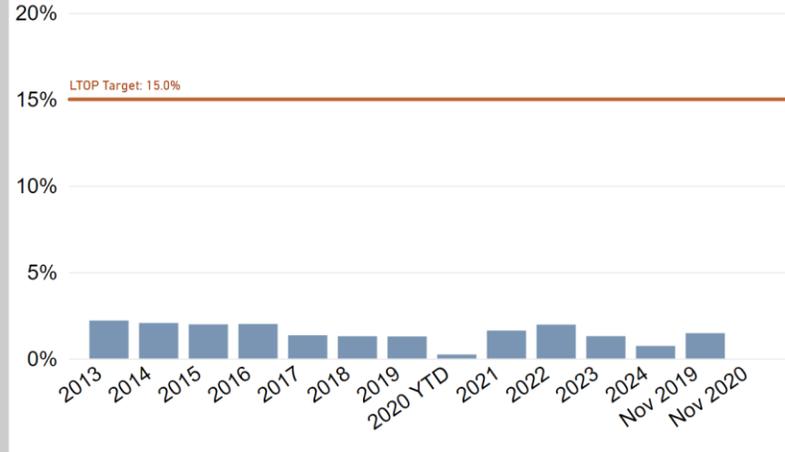
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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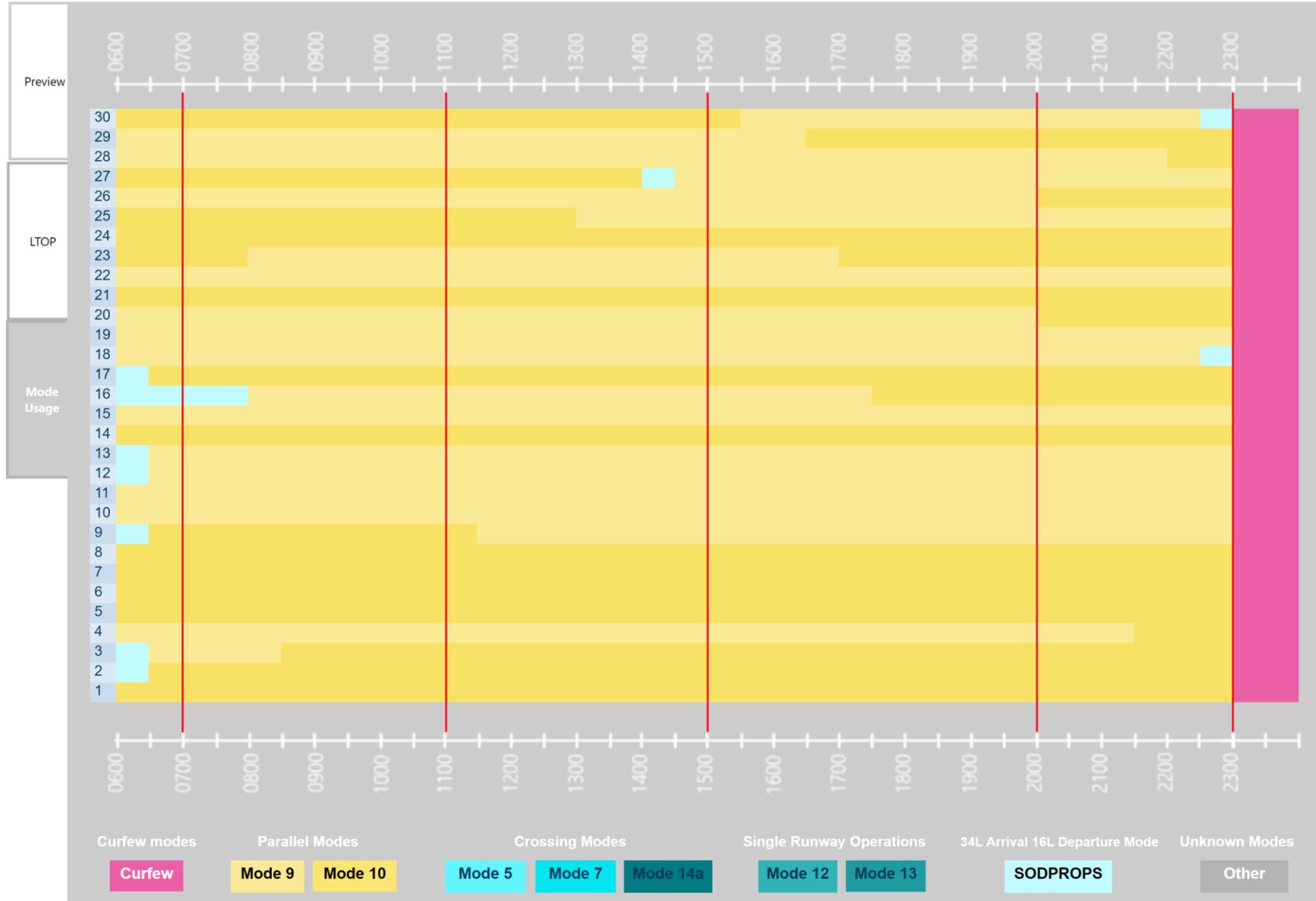
Select a month :

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Summary (Mode Usage)

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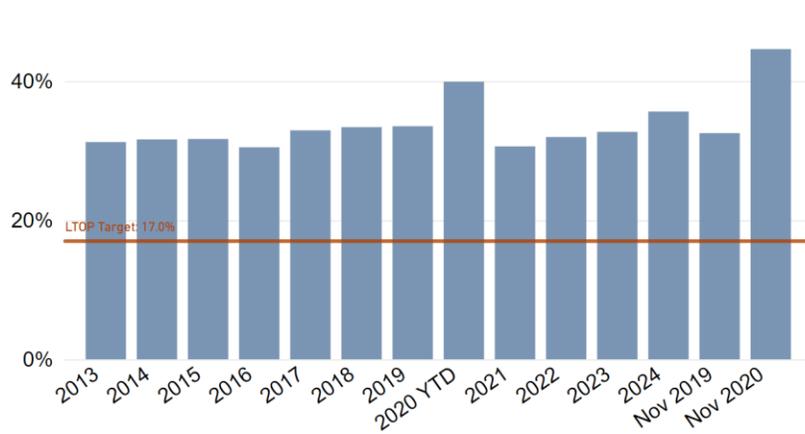
Select a month :

Nov-20

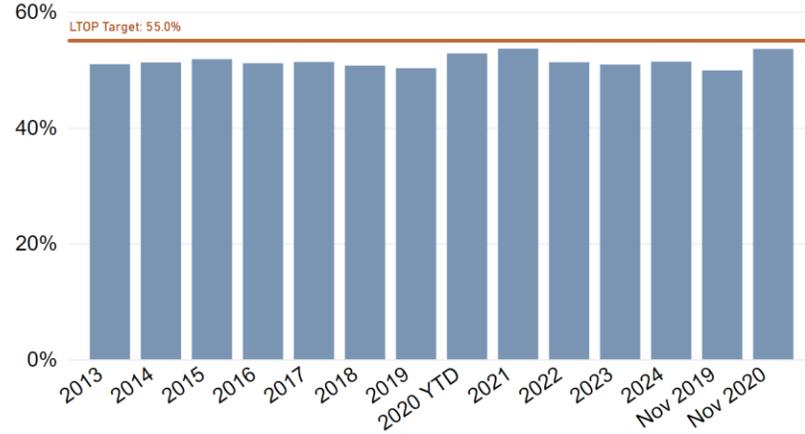
LTOP Targets

November 2020

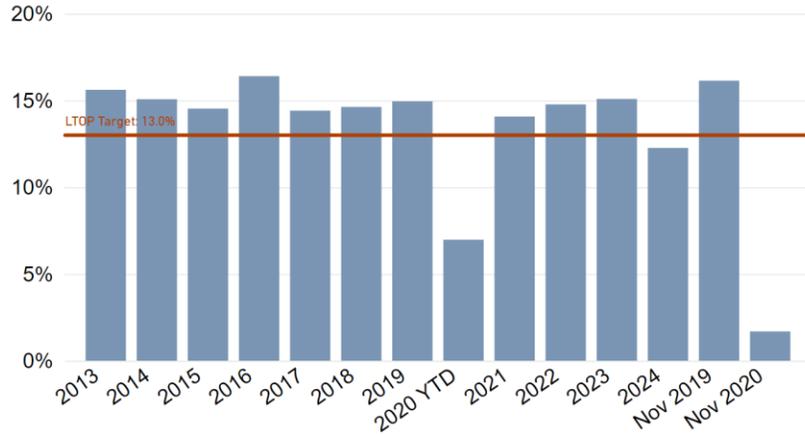
Northern runway end impact (16L and 16R arrivals plus 34L departures)



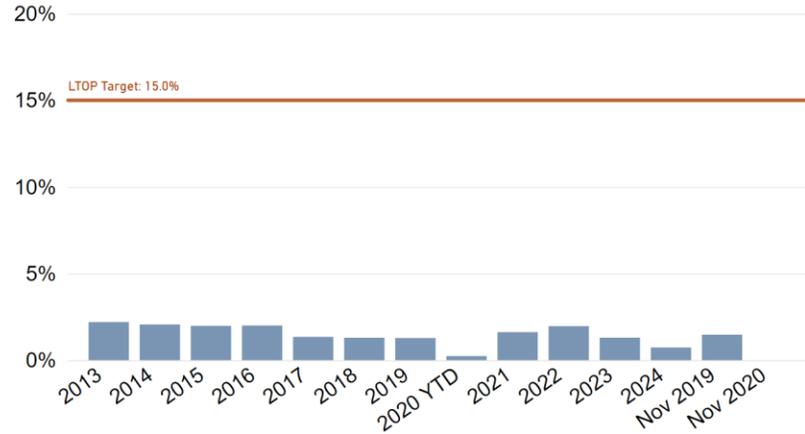
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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Select a type :

All

Operations by direction

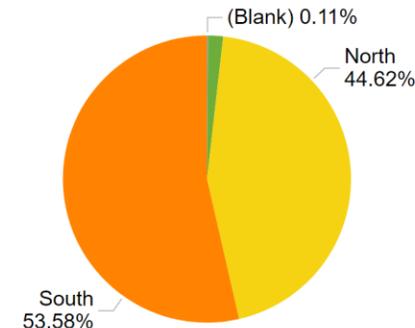
November 2020

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	
11/1/2020	2	2				110	110	1	122	1		124	236	
11/2/2020					8	121	129	6	144		3	153	282	
11/3/2020					8	89	22	119	21	97	10	12	140	259
11/4/2020			1	1		7	120	127	23	12	110	19	164	292
11/5/2020	1	1			8	122	130	29	120		9	158	289	
11/6/2020	1	1			11	119	130	12	157		1	170	301	
11/7/2020					1	96	97		112		2	114	211	
11/8/2020					8	104	112	4	132	1	2	139	251	
11/9/2020			5	5		37	73	110	6	63	81	16	166	281
11/10/2020			21	21			107	107	20	3	110	18	151	279
11/11/2020			2	2			139	139	20	2	128	17	167	308
11/12/2020			1	1			134	134	19	4	122	24	169	304
11/13/2020			9	9			130	130	13	1	123	14	151	290
11/14/2020						98	98		113	5			118	216
11/15/2020			9	9			136	136			109	12	121	266
11/16/2020					7	51	99	157	22	39	83	4	148	305
11/17/2020	1	1			8	121	129	19	141		6	166	296	
11/18/2020	1	1			1		147	148	20	4	139	12	175	324
11/19/2020							142	142	19	3	127	21	170	312
11/20/2020			5	5		25	136	161	15	25	110	18	168	334
11/21/2020	1	1			9	84	93	5	104				109	203
11/22/2020			6	6			117	117		3	92	16	111	234
11/23/2020			11	11	6	74	87	167	6	76	82	10	174	352
11/24/2020	1	1			6	129	135	23	151		10	184	320	
11/25/2020			8	8		56	91	147	18	78	92	20	208	363
11/26/2020			18	18	1	32	133	166	20	29	128	17	194	378
11/27/2020			6	6	14	61	76	151	41	85	95	9	230	387
11/28/2020			12	12		2	119	121	1	10	115	10	136	269
11/29/2020	1	1	21	21	17	51	83	151	4	60	62	8	134	307
11/30/2020	1	1	14	14	1	84	58	143	12	113	77	12	214	372
Total	10	10	149	149	114	1,673	2,149	3,936	399	2,003	2,002	322	4,726	8,821

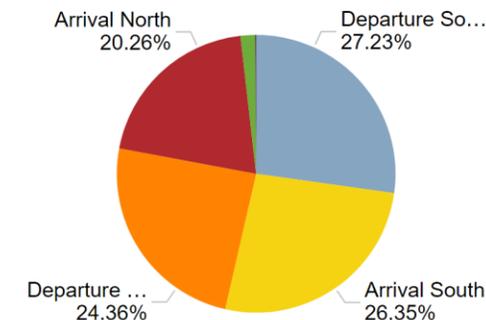
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

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



Click here for 'Help' ?

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Select a type :

All

Runway use summary

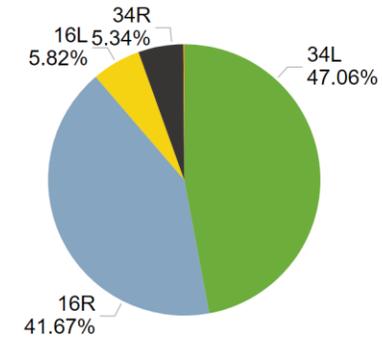
November
2020

Operations by day and runway

Runway Date	16L		16R		34L			34R			Total				
	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep		Total			
11/1/2020	2	2		1	1	110	122	232	1		1				236
11/2/2020			8	6	14	121	144	265				3			282
11/3/2020			8	21	29	89	97	186	10	22	32	12			259
11/4/2020				23	23	7	12	19	110	120	230	19	1		292
11/5/2020	1	1	8	29	37	122	120	242				9			289
11/6/2020	1	1	11	12	23	119	157	276				1			301
11/7/2020			1		1	96	112	208				2			211
11/8/2020			8	4	12	104	132	236	1		1	2			251
11/9/2020			6	6	12	37	63	100	81	73	154	16	5		281
11/10/2020			20	20			3	3	110	107	217	18	21		279
11/11/2020			20	20			2	2	128	139	267	17	2		308
11/12/2020			19	19			4	4	122	134	256	24	1		304
11/13/2020				13	13		1	1	123	130	253	14	9		290
11/14/2020						98	113	211	5		5				216
11/15/2020									109	136	245	12	9		266
11/16/2020			7	22	29	51	39	90	83	99	182	4			305
11/17/2020	1	1	8	19	27	121	141	262				6			296
11/18/2020	1	1	1	20	21		4	4	139	147	286	12			324
11/19/2020			19	19			3	3	127	142	269	21			312
11/20/2020			15	15	30	25	25	50	110	136	246	18	5		334
11/21/2020	1	1	9	5	14	84	104	188							203
11/22/2020							3	3	92	117	209	16	6		234
11/23/2020			6	6	12	74	76	150	82	87	169	10	11		352
11/24/2020	1	1	6	23	29	129	151	280				10			320
11/25/2020			18	18	36	56	78	134	92	91	183	20	8		363
11/26/2020			1	20	21	32	29	61	128	133	261	17	18		378
11/27/2020			14	41	55	61	85	146	95	76	171	9	6		387
11/28/2020				1	1	2	10	12	115	119	234	10	12		269
11/29/2020	1	1	17	4	21	51	60	111	62	83	145	8	21		307
11/30/2020	1	1	1	12	13	84	113	197	77	58	135	12	14		372
Total	10	10	114	399	513	1,673	2,003	3,676	2,002	2,149	4,151	322	149	471	8,821

Operations by runway

● 34L ● 16R ● 16L ● 34R ● (Blank)



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Nov-20

Select a type :

All Aircraft

Hourly movement summary

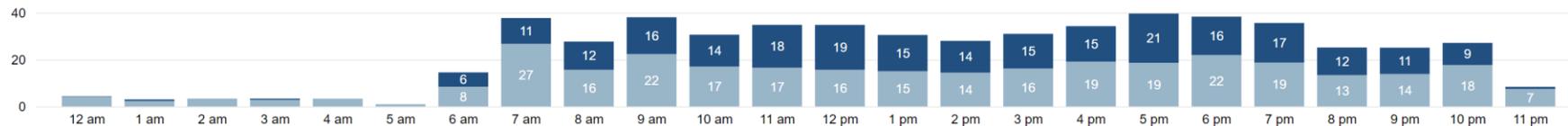
November
2020

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
11/1/2020				1			6	9	10	14	15	18	16	16	16	17	16	20	14	18	10	11	8	1	236
11/2/2020			2				8	26	13	21	17	22	16	9	13	21	12	13	17	17	12	14	20	9	282
11/3/2020	7	1	4	6	3	3	8	19	17	20	10	14	12	11	9	16	9	16	17	7	13	13	13	11	259
11/4/2020	6	4	3	4	4	3	8	24	19	12	13	19	14	9	10	15	20	21	17	15	10	13	18	11	292
11/5/2020	3	2	5	5	5	2	12	24	14	18	8	8	17	12	13	14	20	15	24	19	8	13	21	7	289
11/6/2020	6	2	4	1			10	22	13	28	11	22	20	14	14	24	16	22	22	16	15	10	7	2	301
11/7/2020		2		1			6	16	16	12	12	18	17	11	9	15	12	12	14	7	13	10	8		211
11/8/2020		2	1				5	10	8	14	13	20	23	12	14	15	20	23	16	19	13	9	12	2	251
11/9/2020							4	29	14	26	17	14	11	15	15	17	17	16	22	17	9	13	16	9	281
11/10/2020	5	3	3	4	5	3	6	30	13	19	15	10	12	17	10	17	17	15	18	13	9	14	12	9	279
11/11/2020	5	2	5	3	6	1	9	24	16	19	13	15	15	12	14	16	21	19	19	20	11	14	19	10	308
11/12/2020	5	2	6	3	7		6	28	14	17	18	11	10	11	12	18	18	20	18	22	13	18	20	7	304
11/13/2020	5	5	3	3	6	1	9	18	12	20	13	16	17	12	17	9	17	25	27	20	11	14	10		290
11/14/2020	1			1			5	14	13	14	10	16	17	12	12	17	9	22	13	9	8	14	7	2	216
11/15/2020							7	10	12	15	12	24	19	25	13	18	16	24	21	19	14	8	9		266
11/16/2020	1	1		1			4	30	18	24	23	14	15	20	11	14	18	20	25	14	9	16	20	7	305
11/17/2020	3		4	2	4	2	7	29	18	24	14	19	12	20	13	15	13	18	13	14	15	11	18	8	296
11/18/2020	7	2	5	2	3	4	12	24	16	20	15	13	17	17	13	11	20	16	21	24	14	14	26	8	324
11/19/2020	5	1	6	8	5		11	23	14	22	19	14	13	10	15	13	17	21	17	18	16	13	19	12	312
11/20/2020	6	3	6	3	5		8	22	10	28	17	23	20	21	14	21	19	16	23	22	19	13	14	1	334
11/21/2020	1	1		1			6	8	13	18	13	17	15	11	14	11	8	18	8	8	11	12	8	1	203
11/22/2020							8	8	11	18	11	16	15	17	16	9	13	22	17	21	12	10	10		234
11/23/2020	2						7	33	19	29	26	18	18	19	20	13	24	17	25	21	14	15	24	8	352
11/24/2020	5	4	3	3	6	1	7	27	19	21	19	14	14	17	14	17	20	21	23	12	16	13	15	9	320
11/25/2020	4	7	3	4	7		11	28	20	25	16	20	15	16	14	20	27	17	26	27	16	13	18	9	363
11/26/2020	5	3	3	7	3		12	37	16	26	22	15	15	12	21	14	25	23	25	28	20	14	24	8	378
11/27/2020	6	6	1		1		10	32	13	24	25	26	22	24	21	19	25	22	31	26	19	17	14	3	387
11/28/2020		1		1			6	15	12	17	19	21	18	16	13	15	19	24	18	17	12	13	11	1	269
11/29/2020							6	9	13	19	17	14	32	19	15	16	23	24	26	34	13	14	12	1	307
11/30/2020		1					8	32	21	27	27	21	24	18	20	16	27	18	31	21	12	16	23	9	372
Total	88	55	67	64	70	20	232	660	437	611	480	512	501	455	425	473	538	580	608	545	387	392	456	165	8,821

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

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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
11/1/2020	07:00		00:14				16:46					24:00
11/2/2020	07:00		00:33				16:27					24:00
11/3/2020	07:00		00:31			02:12	14:17					24:00
11/4/2020	07:00		00:20			15:35	01:05					24:00
11/5/2020	07:00		00:07				16:53					24:00
11/6/2020	07:00		00:23				16:37					24:00
11/7/2020	07:00	00:09	00:11				16:40					24:00
11/8/2020	07:00						17:00					24:00
11/9/2020	07:00		00:32			11:32	04:56					24:00
11/10/2020	07:00		00:10			16:50						24:00
11/11/2020	07:00		00:12			16:48						24:00
11/12/2020	07:00		00:30			16:30						24:00
11/13/2020	07:00	00:10	00:22			16:28						24:00
11/14/2020	07:00	00:11					16:49					24:00
11/15/2020	07:00		00:12			16:48						24:00
11/16/2020	07:00		02:02			09:28	05:30					24:00
11/17/2020	07:00		00:37				16:23					24:00
11/18/2020	07:00		00:43			16:17						24:00
11/19/2020	07:00		00:07			16:53						24:00
11/20/2020	07:00		00:04			13:52	03:05					24:00
11/21/2020	07:00	00:13	00:02				16:45					24:00
11/22/2020	07:00		00:04			16:56						24:00
11/23/2020	07:00		00:08			08:58	07:54					24:00
11/24/2020	07:00		00:10				16:50					24:00
11/25/2020	07:00		00:12			09:53	06:55					24:00
11/26/2020	07:00		00:09			13:53	02:57					24:00
11/27/2020	07:00		00:41			08:19	07:60					24:00
11/28/2020	07:00	00:15	00:12			15:55	00:38					24:00
11/29/2020	07:00		00:12			10:40	06:07					24:00
11/30/2020	07:00		00:27			07:03	09:30					24:00
Total	210:00	00:58	10:07			260:51	238:04					720:00

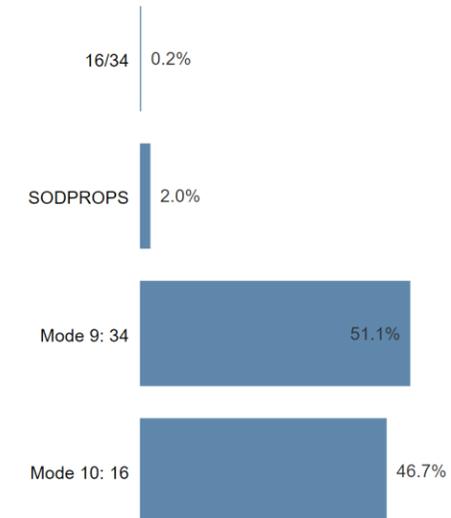
Days with a mode used in excess of 9 hours

28 16 12
Any Mode Mode 9 Mode 10

Days with SODPROPS used

28 28
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%	3.8%	0.1%	0.0%	43.5%	51.5%	0.2%	0.1%	0.1%
Time	1.6%	4.9%	0.1%	0.0%	46.7%	46.1%	0.1%	0.3%	0.1%

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Runway 16 Precision Runway Monitor operations

November
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

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Runway 34 departures maintaining heading

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2,149

Flights departing from runway 34L

45

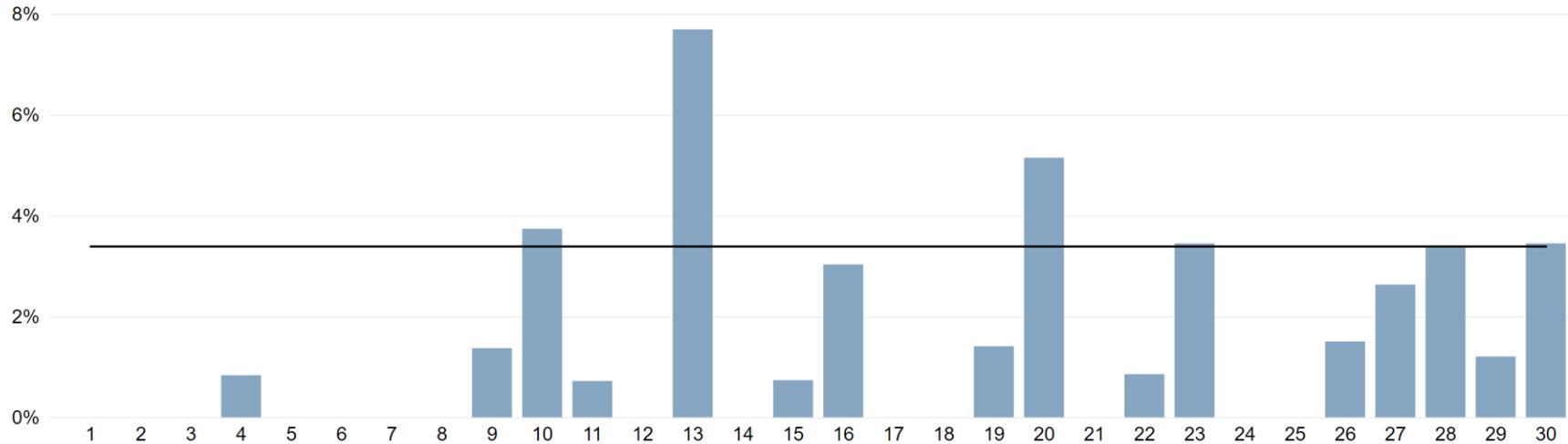
Flights maintaining runway heading

2.09%

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

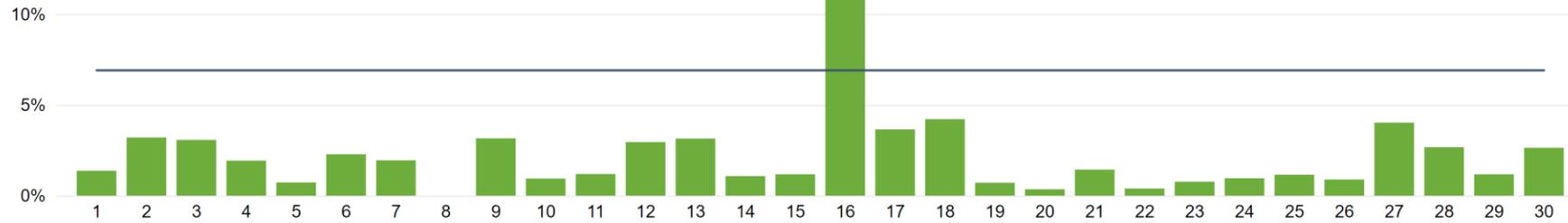
November 2020

Noise sharing time by month



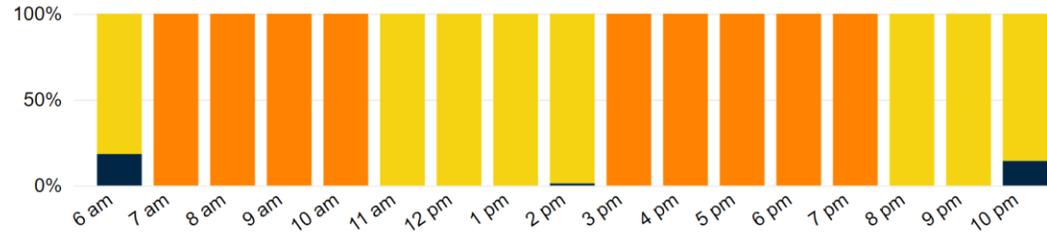
By day

● Noise Sharing Time — Average last 13 months

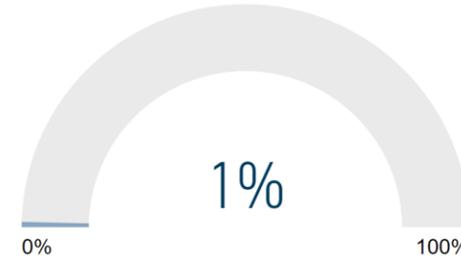


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



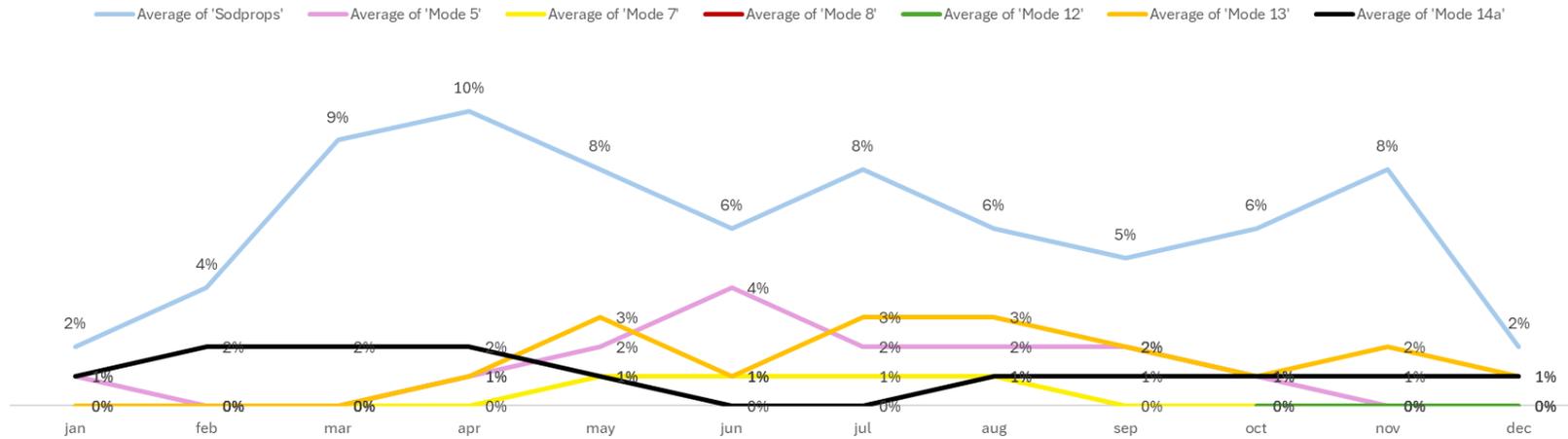
Note :

- 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.

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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

