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Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Aug-20

Summary (Preview)

August
2020

Preview

LTOP

Mode Usage

Total Runway Movements

2020		2019	
Aug-20	Jul-20	Aug-19	Jul-19
6,060	7,607	27,804	29,130
Total	Total	Total	Total
195	245	897	940
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	Aug-20	Jul-20
North	17%	▲ 45.45%	▲ 41.76%
South	55%	▼ 54.41%	▼ 57.95%
East	13%	▼ 0.05%	▲ 0.00%
West	15%	▼ 0.00%	▼ 0.00%

▼ ▲ LTOP Target VS Aug-20
 ▼ ▲ Aug-20 VS Jul-20

Mode Utilization

Number of days individual mode used in excess of 9 hours

31

Airport Mode	Days
Mode 9	21
Mode 10	10

4.24%

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
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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Aug-20

Summary (LTOP)

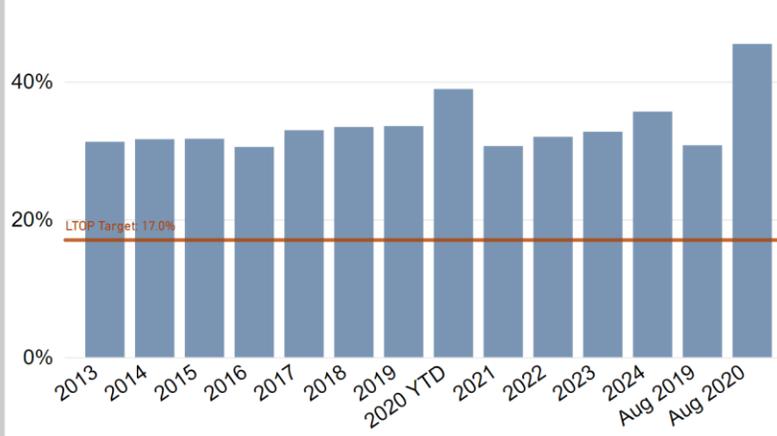
August 2020

Preview

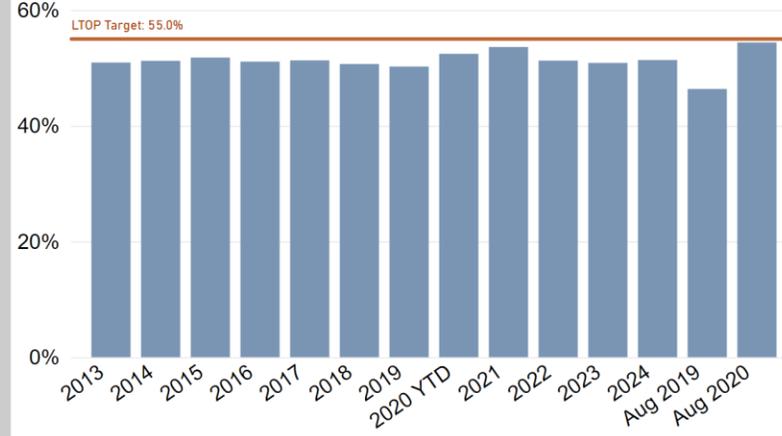
LTOP

Mode Usage

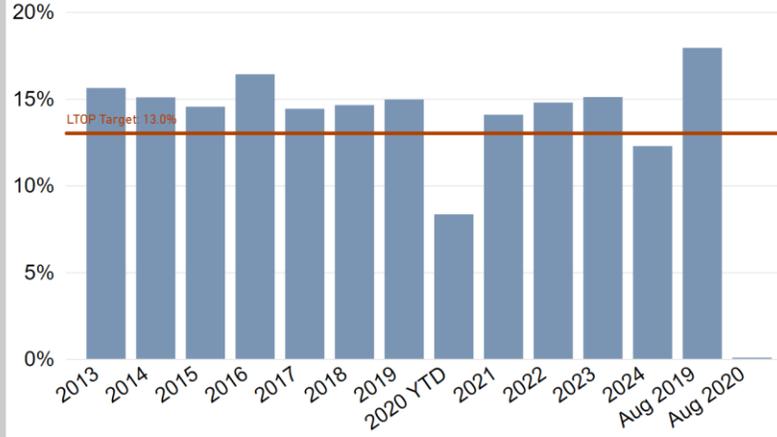
Northern runway end impact (16L and 16R arrivals plus 34L departures)



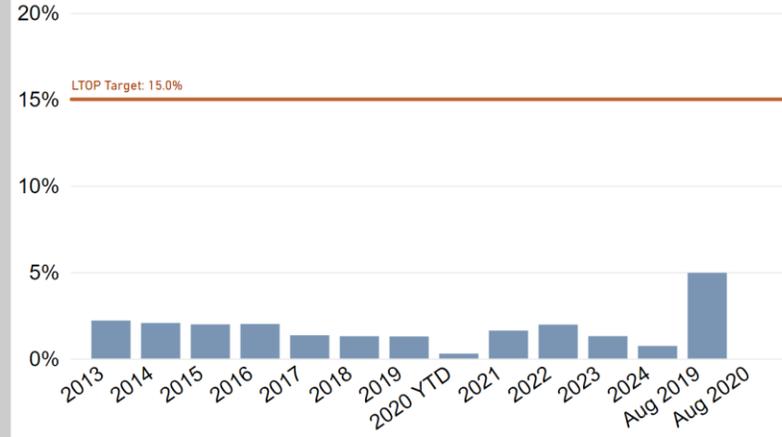
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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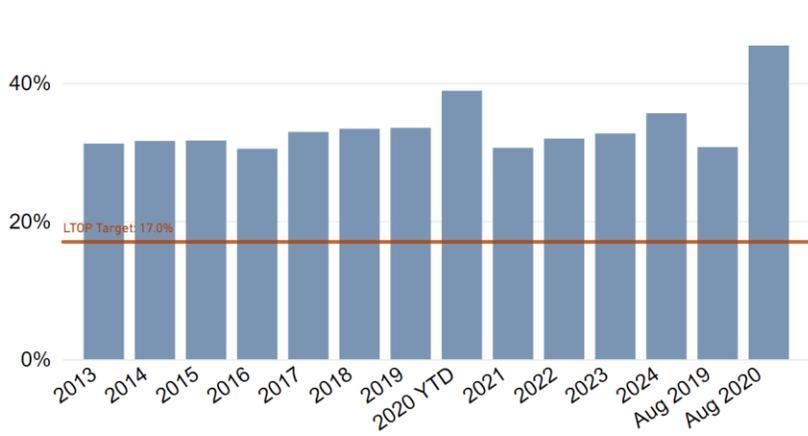
Aug-20



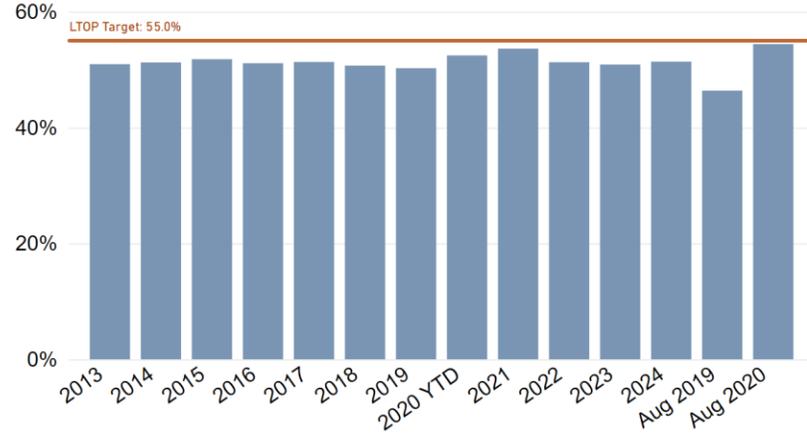
LTOP Targets

August 2020

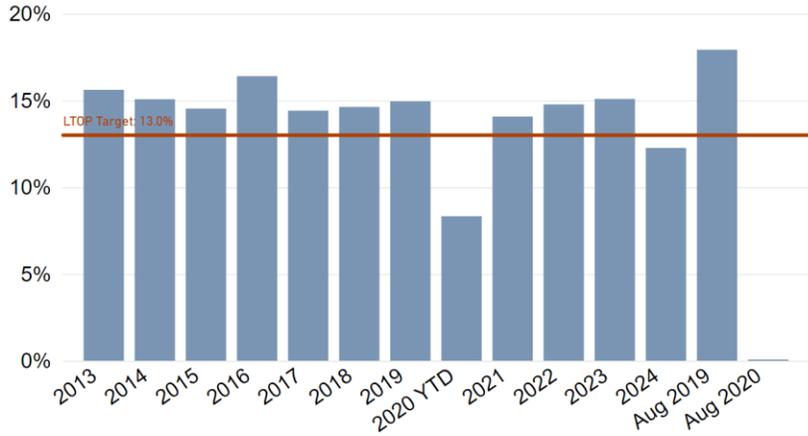
Northern runway end impact (16L and 16R arrivals plus 34L departures)



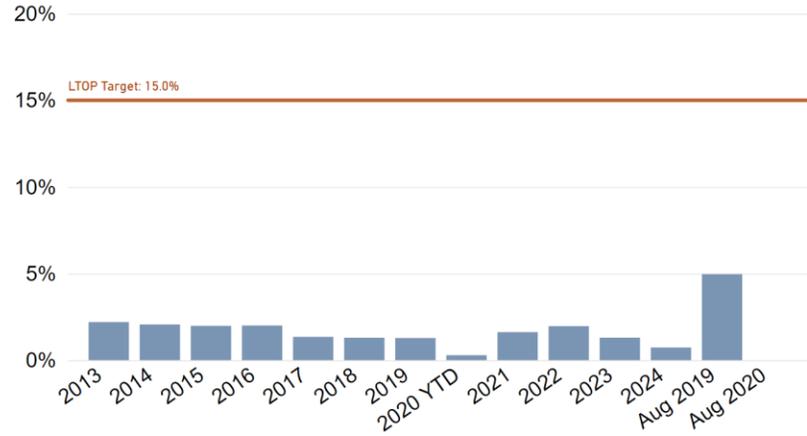
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

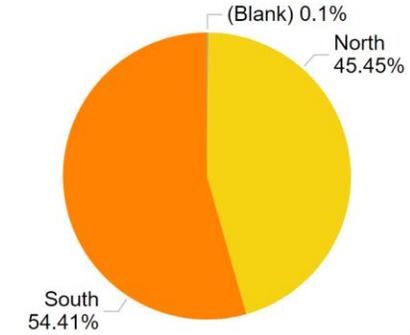
August
2020

Operations by day, direction and runway

Sector Date	East		North			South				Total			
	Total	34R D	Total	16R A	34L D	Total	16L D	16R D	34L A		34R A		
8/1/2020					82	82		8	76		84	166	
8/2/2020	1	1		1	78	79	7	9	76		92	172	
8/3/2020				2	108	110		13	107		120	230	
8/4/2020				19	77	96		39	83		122	218	
8/5/2020					99	99		23	102	2	127	226	
8/6/2020				68	37	105		90	36		126	231	
8/7/2020				54	33	87		97	55		152	239	
8/8/2020				1	79	80		5	71		76	156	
8/9/2020				48	25	73		59	26		85	158	
8/10/2020	4	4		105		105		108	1		109	218	
8/11/2020	1	1		85		85		114	10		124	210	
8/12/2020					92	92		27	101		128	220	
8/13/2020					78	78	13	25	98		136	214	
8/14/2020					114	114		15	111		126	240	
8/15/2020				47	27	74		57	22		79	153	
8/16/2020					77	77		2	67		69	146	
8/17/2020					101	101	7	7	109		123	224	
8/18/2020					68	68		25	82		107	175	
8/19/2020					85	85		24	95		119	204	
8/20/2020		3	3		82	82		23	88	6	117	202	
8/21/2020					107	107		13	104		117	224	
8/22/2020					60	60			51		51	111	
8/23/2020					74	74		1	68		69	143	
8/24/2020					105	1	106		116	4	120	226	
8/25/2020					46	32	78		67	37	104	182	
8/26/2020						102	102		19	109	128	230	
8/27/2020						94	94		24	92	116	210	
8/28/2020					105		105		134	6	140	245	
8/29/2020						66	66		1	54	55	121	
8/30/2020						86	86		1	74	75	161	
8/31/2020						82	22	104		84	17	205	
Total	6	6	3	3	768	1,986	2,754	27	1,230	2,032	8	3,297	6,060

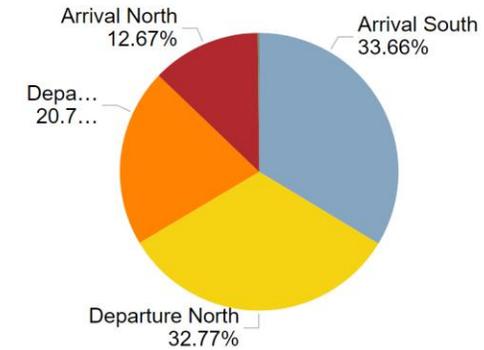
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

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



Click here for 'Help' ?

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Select a type :

All

Runway use summary

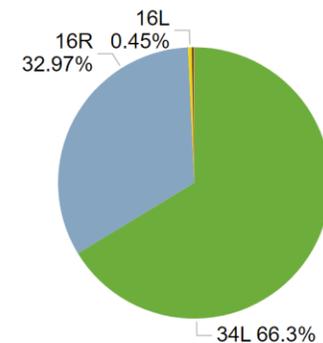
August
2020

Operations by day and runway

Runway	16L			16R			34L			34R			Total		
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total			
8/1/2020						8	8	76	82	158				166	
8/2/2020	1		1	7	7	1	9	10	76	78	154			172	
8/3/2020						2	13	15	107	108	215			230	
8/4/2020						19	39	58	83	77	160			218	
8/5/2020							23	23	102	99	201	2		226	
8/6/2020						68	90	158	36	37	73			231	
8/7/2020						54	97	151	55	33	88			239	
8/8/2020						1	5	6	71	79	150			156	
8/9/2020						48	59	107	26	25	51			158	
8/10/2020		4	4			105	108	213	1		1			218	
8/11/2020		1	1			85	114	199	10		10			210	
8/12/2020							27	27	101	92	193			220	
8/13/2020				13	13		25	25	98	78	176			214	
8/14/2020							15	15	111	114	225			240	
8/15/2020						47	57	104	22	27	49			153	
8/16/2020							2	2	67	77	144			146	
8/17/2020				7	7		7	7	109	101	210			224	
8/18/2020							25	25	82	68	150			175	
8/19/2020							24	24	95	85	180			204	
8/20/2020							23	23	88	82	170	6	3	202	
8/21/2020							13	13	104	107	211			224	
8/22/2020									51	60	111			111	
8/23/2020							1	1	68	74	142			143	
8/24/2020						105	116	221	4	1	5			226	
8/25/2020						46	67	113	37	32	69			182	
8/26/2020							19	19	109	102	211			230	
8/27/2020							24	24	92	94	186			210	
8/28/2020						105	134	239	6		6			245	
8/29/2020							1	1	54	66	120			121	
8/30/2020							1	1	74	86	160			161	
8/31/2020						82	84	166	17	22	39			205	
Total	1	5	6	27	27	768	1,230	1,998	2,032	1,986	4,018	8	3	11	6,060

Operations by runway

● 34L ● 16R ● 16L ● 34R ● (Blank)



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Select a month :

Select a type :

Hourly movement summary

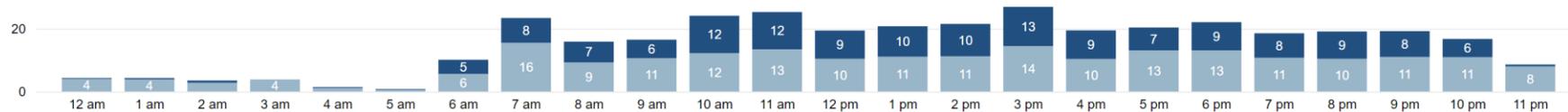
August
2020

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
8/1/2020	1					1	3	13	10	7	19	12	12	7	16	14	5	8	7	7	9	7	7	1	166
8/2/2020		1	3				3	7	6	6	17	15	8	10	11	13	11	8	17	11	11	7	6	1	172
8/3/2020		1		1			1	18	17	13	11	19	15	14	7	20	13	15	13	8	11	14	9	10	230
8/4/2020	9	7	2	1		2	7	18	6	9	11	14	12	9	12	11	11	11	9	9	9	13	19	7	218
8/5/2020	6	5	1	6	3		6	14	8	10	13	16	9	8	11	20	5	14	19	9	8	13	15	7	226
8/6/2020	2	2	5	7	2	1	4	20	7	13	9	11	12	10	14	15	13	10	14	16	6	14	13	11	231
8/7/2020	5	6	2	6			5	15	9	10	12	20	12	14	12	20	10	16	20	16	13	9	5	2	239
8/8/2020							5	10	6	4	16	11	11	9	11	11	12	6	8	5	8	13	6	4	156
8/9/2020				1	2	1	7	9	5	6	10	15	9	12	13	14	10	7	6	12	8	5	6		158
8/10/2020	1	2		1			3	15	13	12	13	16	9	13	10	15	10	15	13	15	8	12	9	13	218
8/11/2020	7	4	6	3	1	2	8	16	13	12	11	9	13	9	10	10	9	10	11	6	10	10	11	9	210
8/12/2020	7	5	7	1	1	1	5	16	14	9	10	14	5	9	12	13	9	17	11	12	11	9	12	10	220
8/13/2020	5	6	1	6	1	1	3	17	5	10	12	8	10	12	13	15	10	15	15	5	12	8	13	11	214
8/14/2020	7	5	3	5	2	1	5	13	9	11	15	18	17	17	12	20	14	16	13	10	10	11	4	2	240
8/15/2020	1	1	2				3	12	8	6	14	13	12	8	6	13	11	9	4	7	11	7	5		153
8/16/2020	1	1					5	7	5	4	10	17	8	12	9	11	10	8	11	4	12	6	5		146
8/17/2020			1				4	16	9	14	19	16	14	12	11	12	14	15	10	14	10	12	13	8	224
8/18/2020	6	5	1	8			8	12	11	6	8	8	8	7	8	9	5	8	10	5	9	9	14	10	175
8/19/2020	7	3	4	5		2	4	17	8	9	12	11	5	8	7	16	8	11	12	15	9	10	11	10	204
8/20/2020	5	5	3	7	2	1	4	17	5	11	7	15	3	6	13	7	9	13	16	9	7	12	14	11	202
8/21/2020	5	1	6	2	4		6	11	4	10	17	14	12	15	13	24	12	17	12	11	15	10	2	1	224
8/22/2020							3	5	9	6	7	4	8	6	6	8	6	5	7	10	9	7	5		111
8/23/2020		1	1				5	6	5	5	8	9	9	12	12	14	9	7	12	8	5	10	5		143
8/24/2020	1	1	2		1		3	16	14	11	22	15	12	14	9	12	18	11	13	11	9	15	8	8	226
8/25/2020	2	7	4	4	1	1	9	11	4	7	9	9	13	14	8	9	6	8	9	9	7	9	13	9	182
8/26/2020	3	6	2	7			7	21	10	12	17	10	7	11	11	17	9	13	12	12	14	9	11	9	230
8/27/2020	3	8	3	3	3		12	15	6	7	5	10	6	7	10	12	7	14	12	13	16	11	17	10	210
8/28/2020	3	3	6	4	2		7	14	8	15	10	15	13	17	20	16	18	15	16	13	16	10	3	1	245
8/29/2020			1				4	5	7	7	8	8	7	9	6	13	6	7	7	6	5	11	4		121
8/30/2020					1		7	5	5	8	10	15	6	12	13	14	11	8	11	8	9	9	9		161
8/31/2020							7	14	15	12	14	14	12	7	13	11	8	11	15	8	9	12	14	9	205
Total	87	86	66	78	26	14	163	405	261	282	376	401	309	330	339	429	309	348	365	304	306	314	288	174	6,060

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

August
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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
8/1/2020	07:00	00:17	01:48			14:55						24:00
8/2/2020	07:00	00:47	04:04			12:09						24:00
8/3/2020	07:00	00:03				16:37	00:20					24:00
8/4/2020	07:00	00:09				14:13	02:38					24:00
8/5/2020	07:00	00:16				16:44						24:00
8/6/2020	07:00	00:04				06:00	10:56					24:00
8/7/2020	07:00	00:05				00:53	16:02					24:00
8/8/2020	07:00	00:25				16:35						24:00
8/9/2020	07:00	00:18	00:04			05:41	10:58					24:00
8/10/2020	07:00	00:16					16:44					24:00
8/11/2020	07:00						17:00					24:00
8/12/2020	07:00	00:15				16:45						24:00
8/13/2020	07:00	00:10	04:05			12:45						24:00
8/14/2020	07:00	00:12				16:48						24:00
8/15/2020	07:00	00:19				04:14	12:27					24:00
8/16/2020	07:00	00:19				16:12	00:29					24:00
8/17/2020	07:00	00:19	03:28			13:13						24:00
8/18/2020	07:00	00:17				16:43						24:00
8/19/2020	07:00	00:20				16:40						24:00
8/20/2020	07:00	00:18				16:42						24:00
8/21/2020	07:00	00:28				16:32						24:00
8/22/2020	07:00	00:21				16:39						24:00
8/23/2020	07:00	00:24				16:36						24:00
8/24/2020	07:00	00:10					16:50					24:00
8/25/2020	07:00	00:20				07:39	09:01					24:00
8/26/2020	07:00	00:27				16:33						24:00
8/27/2020	07:00	00:18				16:42						24:00
8/28/2020	07:00	00:27					16:33					24:00
8/29/2020	07:00	00:27				16:33						24:00
8/30/2020	07:00	00:20				16:40						24:00
8/31/2020	07:00					03:30	13:30					24:00
Total	217:00	08:51	13:28			361:12	143:28					744:00

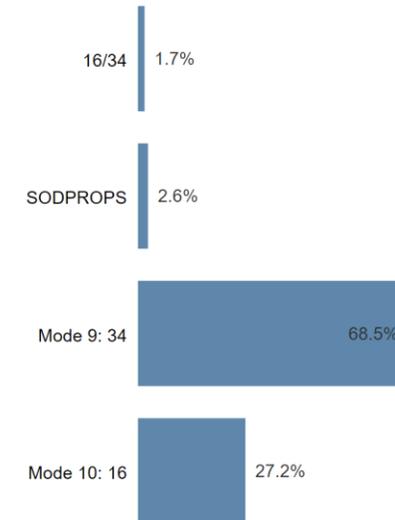
Days with a mode used in excess of 9 hours

31 21 10
Any Mode Mode 9 Mode 10

Days with SODPROPS used

5 5
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%	3.5%	0.2%	0.0%	41.7%	53.5%	0.3%	0.1%	0.2%
Time	1.9%	5.9%	0.2%	0.0%	43.5%	47.7%	0.2%	0.4%	0.2%

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Runway 16 Precision Runway Monitor operations

August
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 31

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Runway 34 departures maintaining heading

August
2020

1,986

Flights departing from runway 34L

32

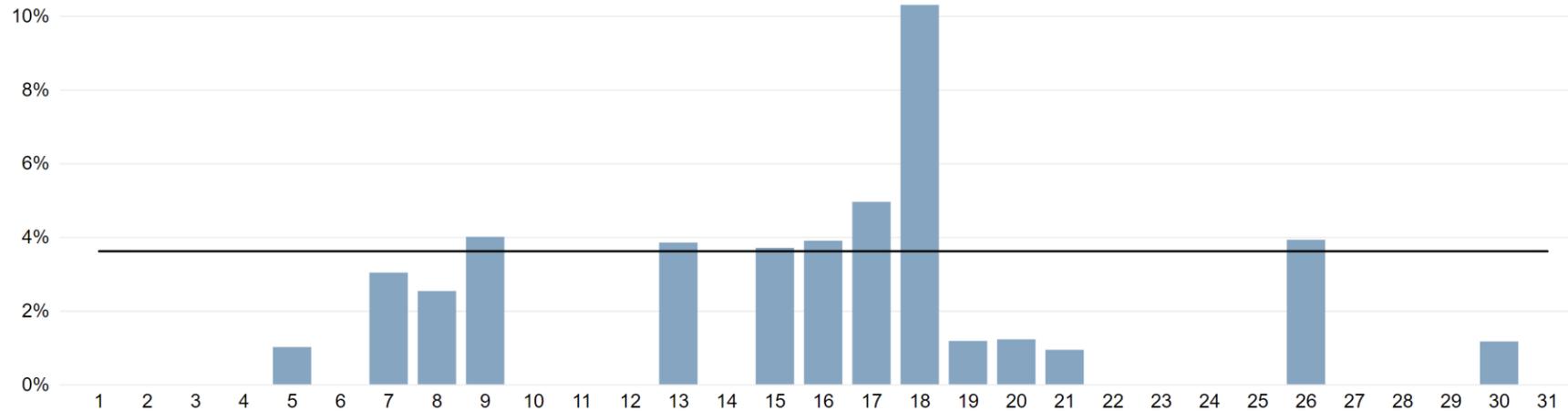
Flights maintaining runway heading

1.61%

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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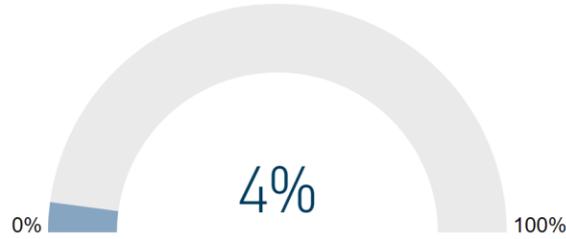
Select a month :

Aug-20

Noise sharing during non-peak hours

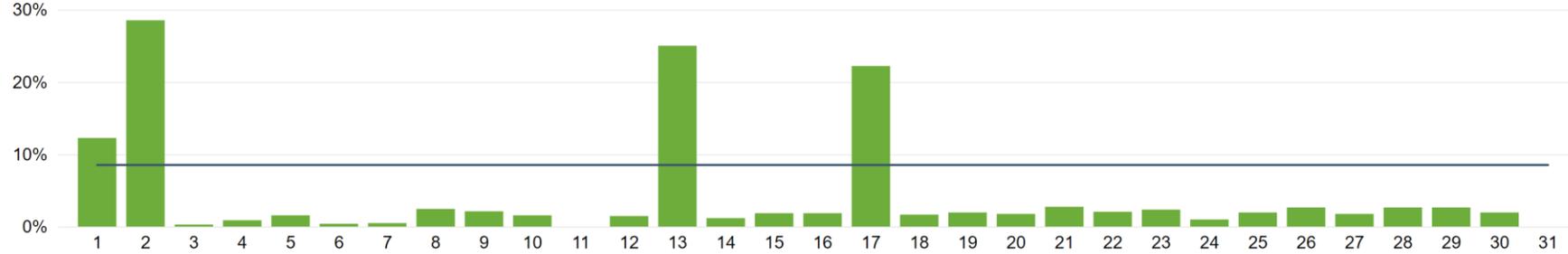
August 2020

Noise sharing time by month



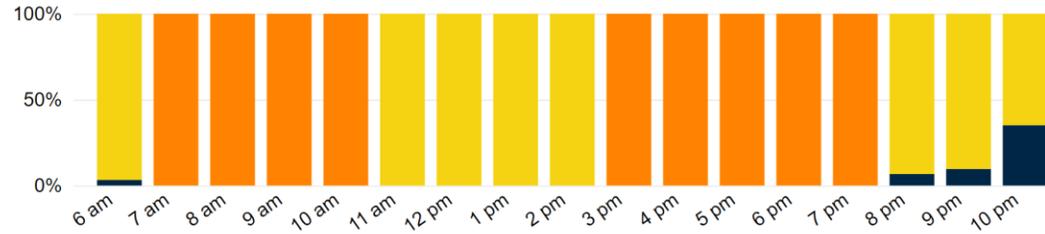
By day

● Noise Sharing Time — Average last 13 months

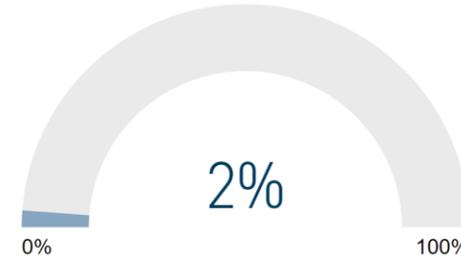


By hour

● 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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Summary

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

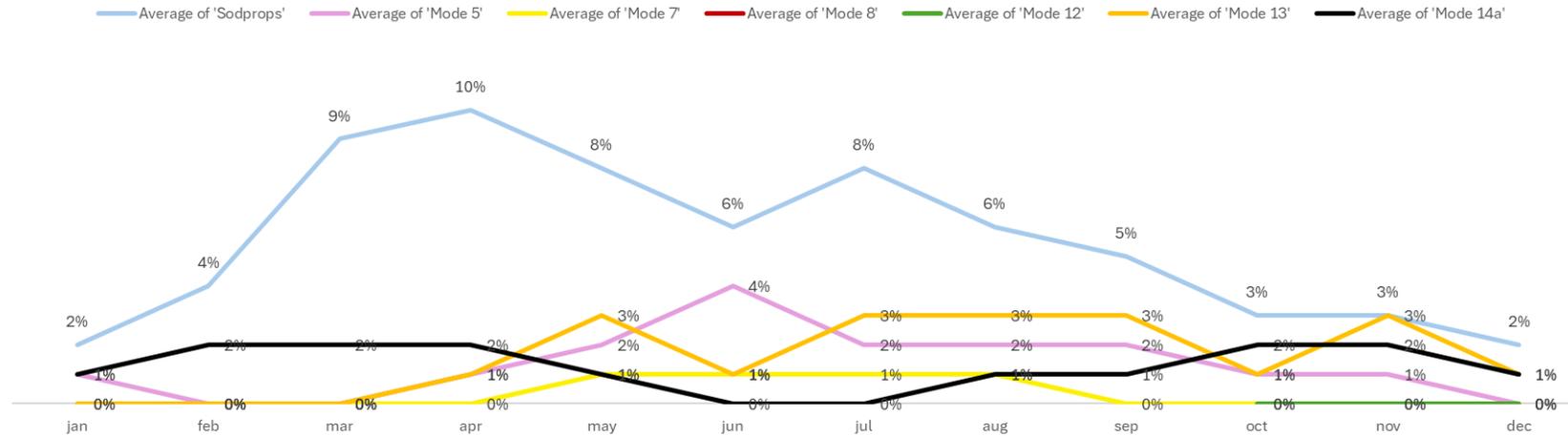
34L departures

Noise sharing

Seasonal mode

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

