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Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Sep-20

Summary (Preview)

September
2020

Preview

LTOP

Mode Usage

Total Runway Movements

2020		2019	
Sep-20	Aug-20	Sep-19	Aug-19
6,050	6,060	27,773	27,804
Total	Total	Total	Total
202	195	926	897
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	Sep-20	Aug-20
North	17%	▲ 44.83%	▼ 45.45%
South	55%	▼ 54.99%	▲ 54.41%
East	13%	▼ 0.02%	▼ 0.05%
West	15%	▼ 0.00%	▼ 0.00%

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

Mode Utilization

Number of days individual mode used in excess of 9 hours

29

Airport Mode	Days
Mode 9	21
Mode 10	8

4.57%

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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Summary (LTOP)

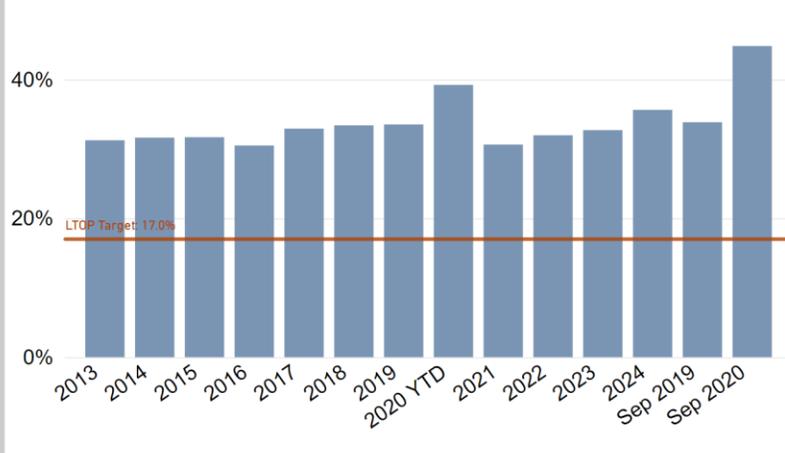
September 2020

Preview

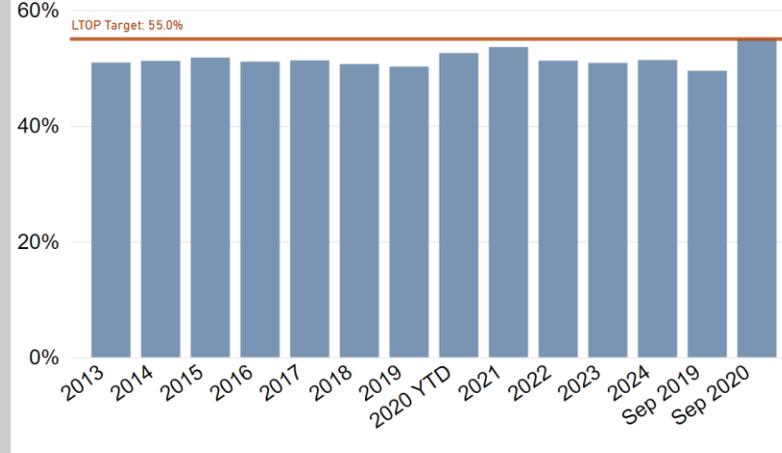
LTOP

Mode Usage

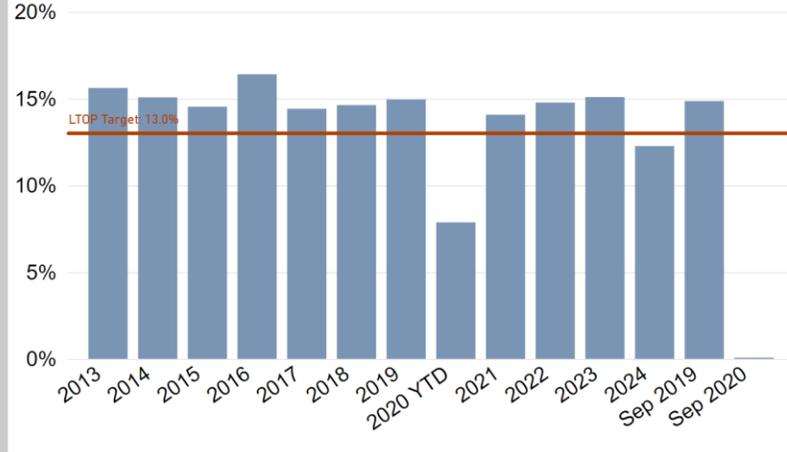
Northern runway end impact (16L and 16R arrivals plus 34L departures)



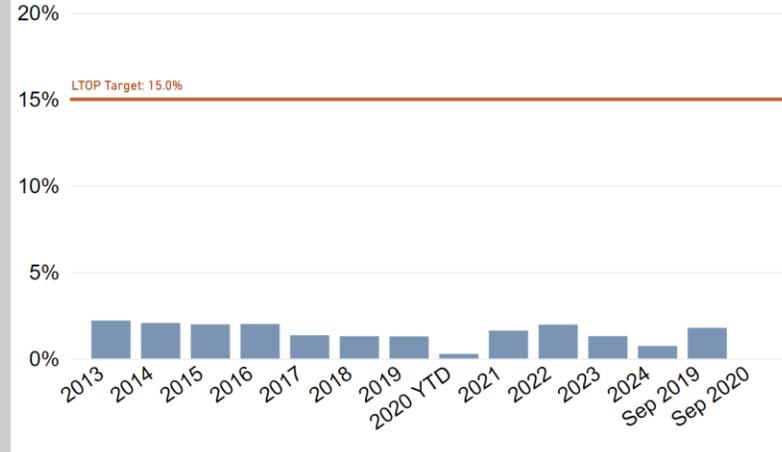
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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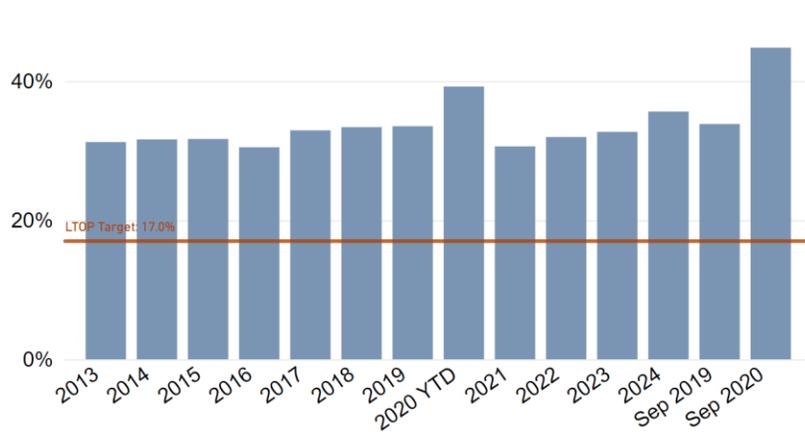
Select a month :

Sep-20

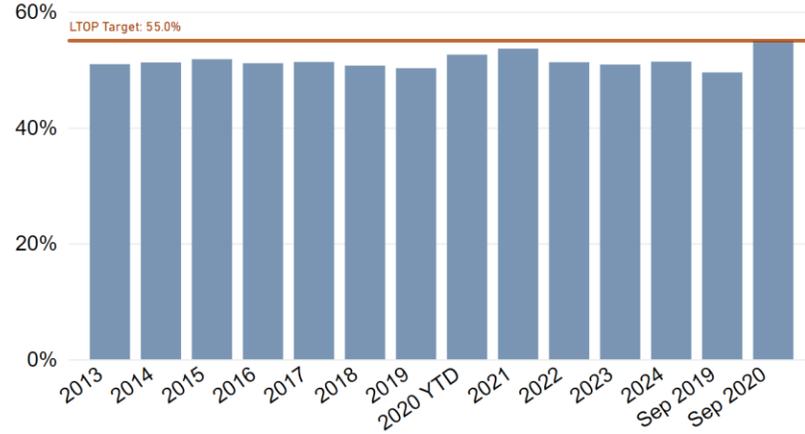
LTOP Targets

September
2020

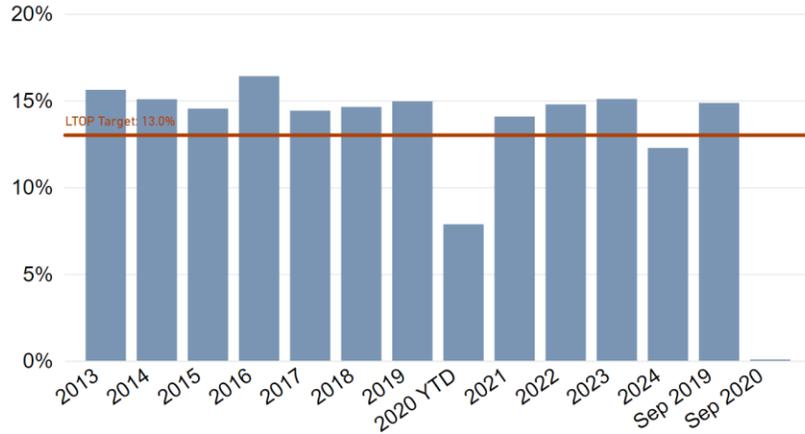
Northern runway end impact (16L and 16R arrivals plus 34L departures)



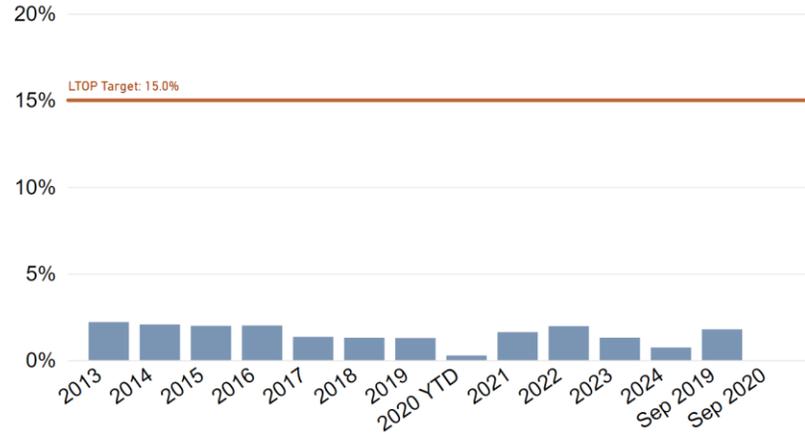
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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

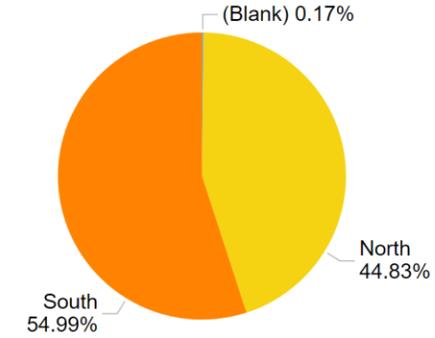
September
2020

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		Total	
9/1/2020				1	51	23	75		88	38	126	201	
9/2/2020						92	92		23	101	124	216	
9/3/2020						95	95		17	94	111	206	
9/4/2020						115	115		14	108	122	237	
9/5/2020	1	1			44	19	63		52	19	71	135	
9/6/2020						71	71		10	70	80	151	
9/7/2020						96	96		10	105	115	211	
9/8/2020						77	77	5	21	87	113	190	
9/9/2020	1	1			89		89		114	9	123	213	
9/10/2020	2	2			92		92		112	7	119	213	
9/11/2020					19	79	98		47	91	138	236	
9/12/2020						71	71		2	61	63	134	
9/13/2020	1	1			7	74	81		9	65	74	156	
9/14/2020	1	1			97	7	104	10	97	13	120	225	
9/15/2020					14	76	90		38	83	121	211	
9/16/2020					3	106	109		24	108	132	241	
9/17/2020					53	51	104	8	58	49	115	219	
9/18/2020					101		101		127	4	131	232	
9/19/2020						71	71		4	64	68	139	
9/20/2020			1	1			88		1	80	81	170	
9/21/2020	1	1					91		9	96	105	197	
9/22/2020					14	72	86	6	37	86	129	215	
9/23/2020					6	87	93	13	27	102	142	235	
9/24/2020						102	102		21	110	131	233	
9/25/2020						117	117		15	106	121	238	
9/26/2020	1	1				79	79		1	71	72	152	
9/27/2020	2	2			66	10	76		83	16	99	177	
9/28/2020					38	57	95		56	62	118	213	
9/29/2020					54	26	80		89	46	135	215	
9/30/2020						111	111		19	109	128	239	
Total	10	10	1	1	1	748	1,963	2,712	42	1,225	2,060	3,327	6,050

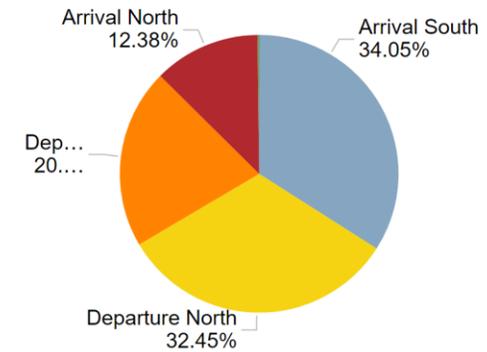
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

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



Click here for 'Help' ?

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Sep-20

Select a type :

All

Runway use summary

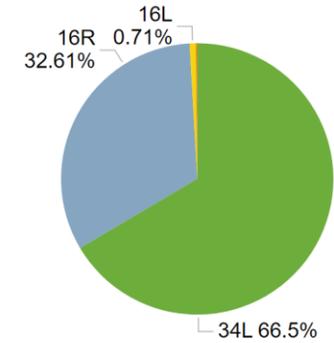
September
2020

Operations by day and runway

Runway Date	16L			16R			34L			34R		Total				
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Dep	Total					
9/1/2020				1		1	51	88	139	38	23	61			201	
9/2/2020									23	23	101	92	193			216
9/3/2020									17	17	94	95	189			206
9/4/2020									14	14	108	115	223			237
9/5/2020		1	1				44	52	96	19	19	38			135	
9/6/2020								10	10	70	71	141			151	
9/7/2020								10	10	105	96	201			211	
9/8/2020				5		5		21	21	87	77	164			190	
9/9/2020		1	1				89	114	203	9		9			213	
9/10/2020	1	1	2				92	112	204	7		7			213	
9/11/2020							19	47	66	91	79	170			236	
9/12/2020								2	2	61	71	132			134	
9/13/2020		1	1				7	9	16	65	74	139			156	
9/14/2020		1	1	10		10	97	97	194	13	7	20			225	
9/15/2020							14	38	52	83	76	159			211	
9/16/2020							3	24	27	108	106	214			241	
9/17/2020				8		8	53	58	111	49	51	100			219	
9/18/2020							101	127	228	4		4			232	
9/19/2020								4	4	64	71	135			139	
9/20/2020								1	1	80	88	168	1	1	170	
9/21/2020		1	1					9	9	96	91	187			197	
9/22/2020				6		6	14	37	51	86	72	158			215	
9/23/2020				13		13	6	27	33	102	87	189			235	
9/24/2020								21	21	110	102	212			233	
9/25/2020								15	15	106	117	223			238	
9/26/2020	1		1					1	1	71	79	150			152	
9/27/2020		2	2				66	83	149	16	10	26			177	
9/28/2020							38	56	94	62	57	119			213	
9/29/2020							54	89	143	46	26	72			215	
9/30/2020								19	19	109	111	220			239	
Total	2	8	10	1	42	43	748	1,225	1,973	2,060	1,963	4,023	1	1	6,050	

Operations by runway

● 34L ● 16R ● 16L ● (Blank) ● 34R



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Select a type :

Hourly movement summary

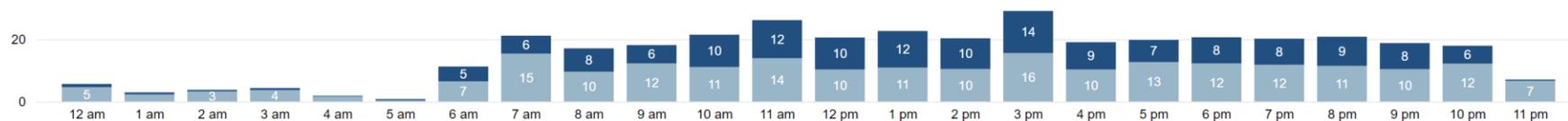
September
2020

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
9/1/2020	6	1	3	5	2		8	14	10	8	9	12	10	11	8	15	7	7	9	11	10	11	18	6	201
9/2/2020	5	5	3	7	2		2	21	8	10	11	12	5	12	9	20	9	12	13	11	9	11	12	7	216
9/3/2020	4	3	4	7			5	18	8	12	4	9	8	8	11	14	9	12	12	15	8	10	18	7	206
9/4/2020	5	4	8	3			6	11	8	14	10	18	16	17	17	14	17	16	13	10	15	6	8	1	237
9/5/2020		1	2				2	6	10	6	10	8	11	8	8	10	11	6	4	8	10	8	6		135
9/6/2020			2				5	2	8	6	9	15	10	12	12	15	7	5	9	11	9	9	4	1	151
9/7/2020							2	15	15	15	15	16	12	4	13	15	11	14	12	9	8	14	12	9	211
9/8/2020	6	2	2	5	4		10	11	8	7	8	10	8	12	7	12	9	7	10	11	8	12	14	7	190
9/9/2020	7	1	4	2	2		6	18	9	11	13	12	6	9	7	17	10	12	15	10	9	12	10	11	213
9/10/2020	4	1	4	3	3		5	19	13	13	8	11	6	12	8	13	5	12	13	15	11	11	15	8	213
9/11/2020	7	3	8	1	1	4	7	15	8	17	11	15	17	11	16	15	13	16	14	15	14	4	4		236
9/12/2020		2		1	1	1	3	6	4	9	7	13	10	10	7	14	7	6	7	7	11	4	4		134
9/13/2020	1			1		1	8	8	8	5	8	15	9	13	10	11	8	7	10	11	6	10	6		156
9/14/2020	1						2	16	9	17	16	22	16	7	7	15	10	16	12	13	12	14	12	8	225
9/15/2020	6	5		5	3	2	12	16	9	9	6	15	8	11	6	12	8	11	8	13	9	12	12	13	211
9/16/2020	4	3	3	6	2		5	17	10	10	11	15	7	10	12	23	13	12	16	16	11	14	12	9	241
9/17/2020	5	3	3	4	3	1	9	22	7	13	6	7	8	9	9	17	11	11	14	11	12	12	14	8	219
9/18/2020	5	1	3	4	2		10	12	8	13	13	20	11	11	13	21	12	16	17	15	12	8	5		232
9/19/2020	5	1					2	5	8	5	11	10	11	9	9	8	8	9	7	8	8	11	4		139
9/20/2020	1			1	1	1	7	5	7	3	12	14	9	14	13	25	10	5	8	9	11	7	7		170
9/21/2020							3	11	16	11	16	20	11	7	9	10	9	12	6	13	12	8	17	6	197
9/22/2020	6	1	4	5	2		10	12	13	14	6	9	17	14	7	12	7	8	11	8	13	12	14	10	215
9/23/2020	5	2	5	6	1		6	17	5	15	15	14	6	8	14	21	13	12	16	11	10	12	13	8	235
9/24/2020	7	4	3	7	2	1	8	18	11	12	8	10	7	12	9	14	10	15	14	12	14	11	18	6	233
9/25/2020	8	3	6	3	1		7	10	14	11	17	19	11	19	13	19	7	18	14	10	18	5	5		238
9/26/2020							3	8	8	8	12	8	12	10	10	12	9	5	12	6	8	8	11	2	152
9/27/2020	1	1		2			8	6	7	5	14	15	10	18	10	13	10	14	10	7	12	10	4		177
9/28/2020		2		1			6	12	9	13	14	15	16	10	15	14	13	17	8	8	12	12	10	6	213
9/29/2020	4	4	6	3	3	1	9	15	6	13	12	9	14	14	9	11	9	9	11	9	14	8	13	9	215
9/30/2020	7	3	3	5	2		5	19	7	12	15	16	7	12	11	19	15	14	12	14	11	10	12	8	239
Total	110	56	76	87	37	12	181	385	271	317	327	404	309	334	309	451	297	336	337	327	327	296	314	150	6,050

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
9/1/2020	07:00	00:05				05:55	10:60					24:00
9/2/2020	07:00	00:15				16:29	00:16					24:00
9/3/2020	07:00	00:17				16:43						24:00
9/4/2020	07:00	00:28				16:32						24:00
9/5/2020	07:00	00:21				05:22	11:17					24:00
9/6/2020	07:00	01:43				15:17						24:00
9/7/2020	07:00	00:10				16:50						24:00
9/8/2020	07:00	00:19	02:29			14:12						24:00
9/9/2020	07:00	00:13					16:47					24:00
9/10/2020	07:00						17:00					24:00
9/11/2020	07:00					12:33	04:27					24:00
9/12/2020	07:00	00:34				16:26						24:00
9/13/2020	07:00	00:09				15:04	01:47					24:00
9/14/2020	07:00	00:28	03:02				13:30					24:00
9/15/2020	07:00	00:29				14:02	02:29					24:00
9/16/2020	07:00					16:28	00:32					24:00
9/17/2020	07:00	00:06	02:07			07:27	07:19					24:00
9/18/2020	07:00	00:04					16:56					24:00
9/19/2020	07:00	00:03				16:57						24:00
9/20/2020	07:00	00:03				16:57						24:00
9/21/2020	07:00	00:21				16:39						24:00
9/22/2020	07:00	00:07	02:37			12:07	02:08					24:00
9/23/2020	07:00	00:13	04:41			11:14	00:52					24:00
9/24/2020	07:00	00:19				16:41						24:00
9/25/2020	07:00	00:17				16:43						24:00
9/26/2020	07:00	00:19				16:41						24:00
9/27/2020	07:00	00:16				04:19	12:25					24:00
9/28/2020	07:00	00:09				10:15	06:36					24:00
9/29/2020	07:00	00:27				05:24	11:09					24:00
9/30/2020	07:00	00:07				16:53						24:00
Total	210:00	08:22	14:56			350:11	136:30					720:00

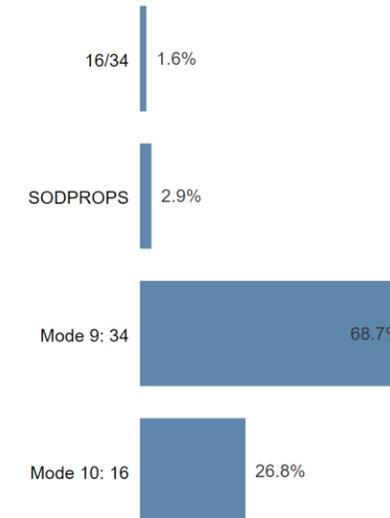
Days with a mode used in excess of 9 hours

29 21 8
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%	3.4%	0.2%	0.0%	43.1%	52.2%	0.3%	0.1%	0.2%
Time	1.8%	5.6%	0.2%	0.0%	46.3%	45.4%	0.2%	0.3%	0.2%

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Runway 16 Precision Runway Monitor operations

September
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

September
2020

1,963

Flights departing from runway 34L

41

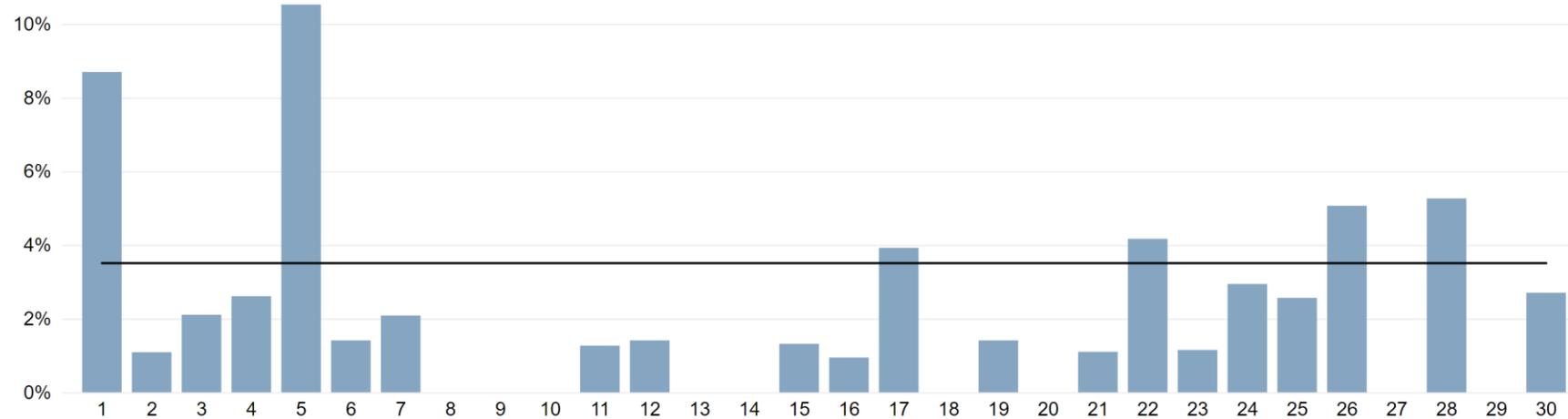
Flights maintaining runway heading

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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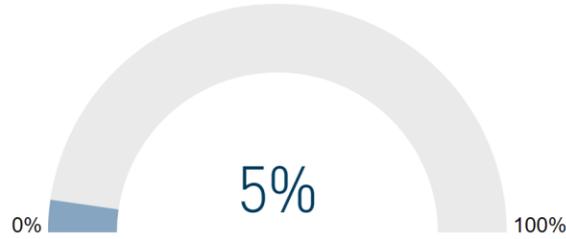
Select a month :

Sep-20

Noise sharing during non-peak hours

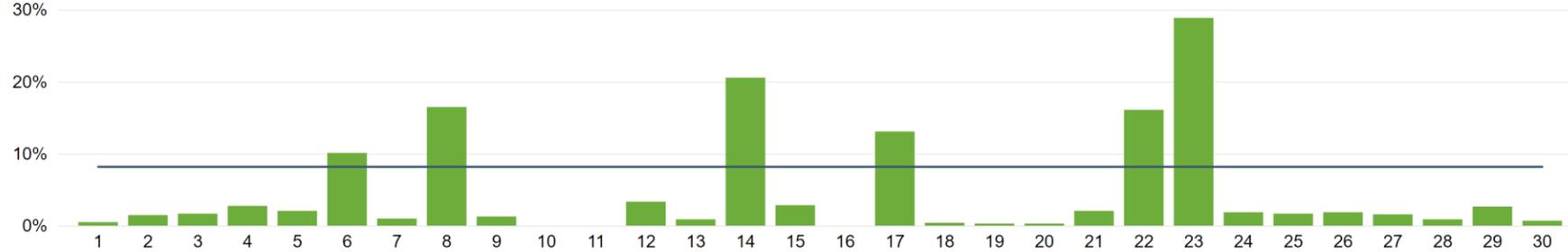
September
2020

Noise sharing time by month



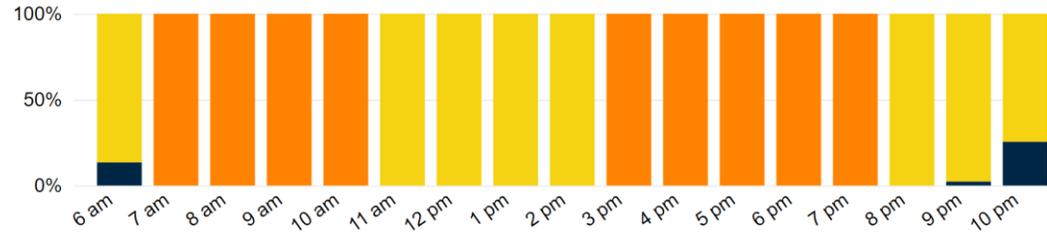
By day

● Noise Sharing Time — Average last 13 months

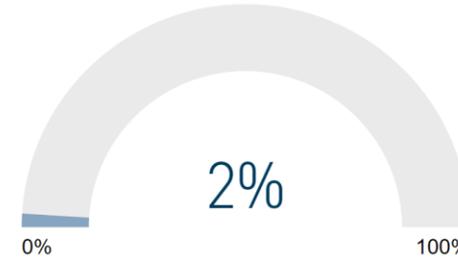


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



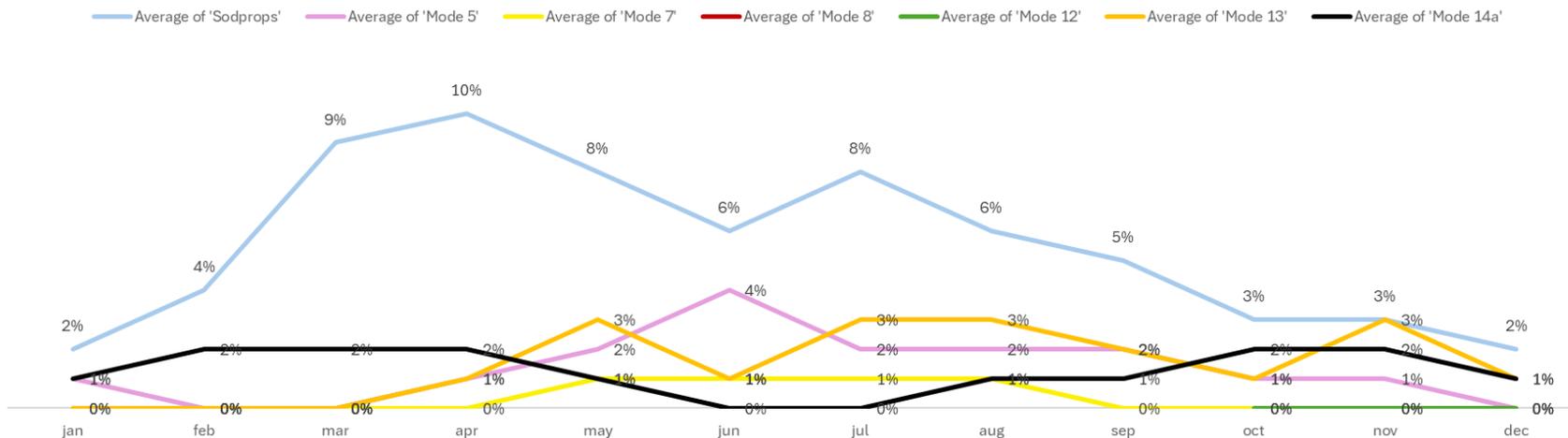
Note :

- 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.

[Click here for 'Help'](#)

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

