

Select a page :

**Summary**

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Feb-21

# Summary (Preview)

February  
2021

Preview

LTOP

Mode Usage

### Total Runway Movements

2021		2020	
<b>Feb-21</b>	<b>Jan-21</b>	<b>Feb-20</b>	<b>Jan-20</b>
11,373 Total	7,996 Total	25,451 Total	27,181 Total
406 Daily Avg	258 Daily Avg	878 Daily Avg	877 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	Feb-21	Jan-21
North	17%	▲ 42.23%	▼ 46.05%
South	55%	▲ 55.68%	▲ 53.70%
East	13%	▼ 1.94%	▲ 0.04%
West	15%	▼ 0.00%	0.00%

▼▲ LTOP Target VS Feb-21     
 ▼▲ Feb-21 VS Jan-21

### Mode Utilization

Number of days individual mode used in excess of 9 hours

28

Airport Mode	Days
Mode 10	20
Mode 9	8

2.57%

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		

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)

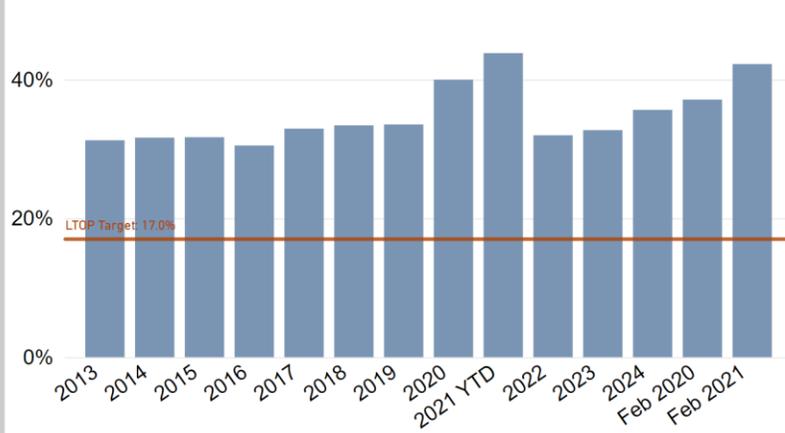
February 2021

Preview

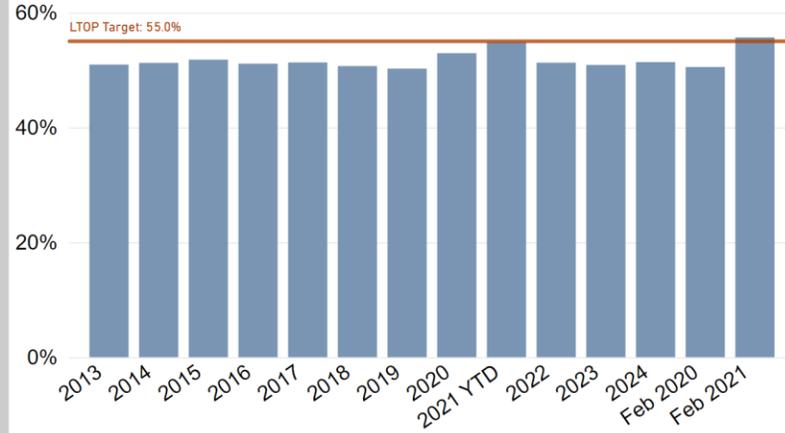
LTOP

Mode Usage

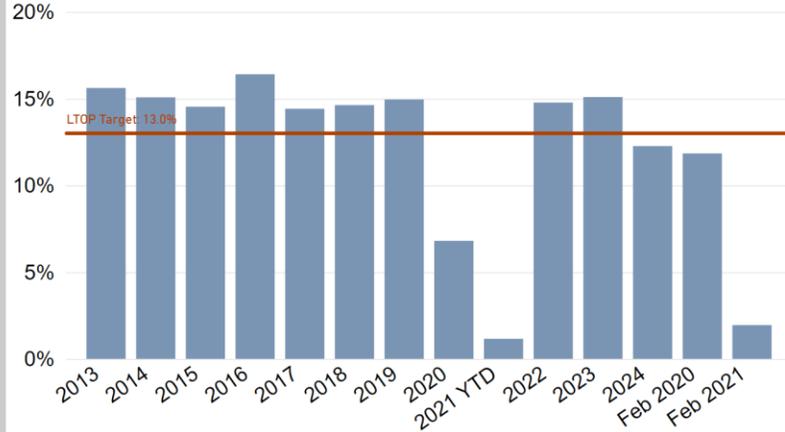
### Northern runway end impact (16L and 16R arrivals plus 34L departures)



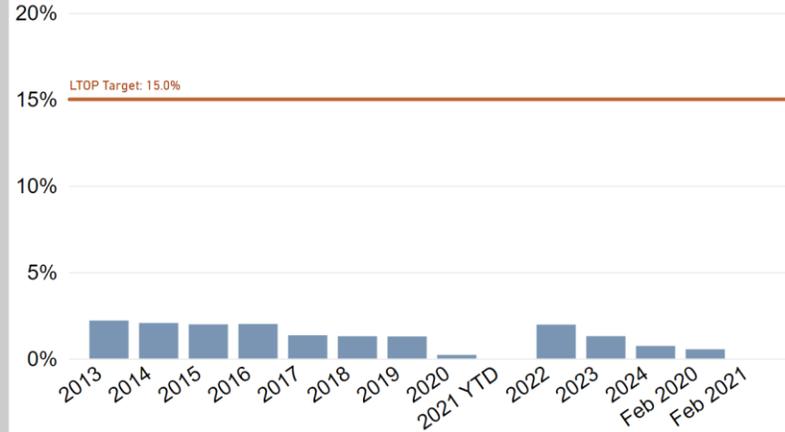
### Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



### Western runway end impact (07 arrivals plus 25 departures)



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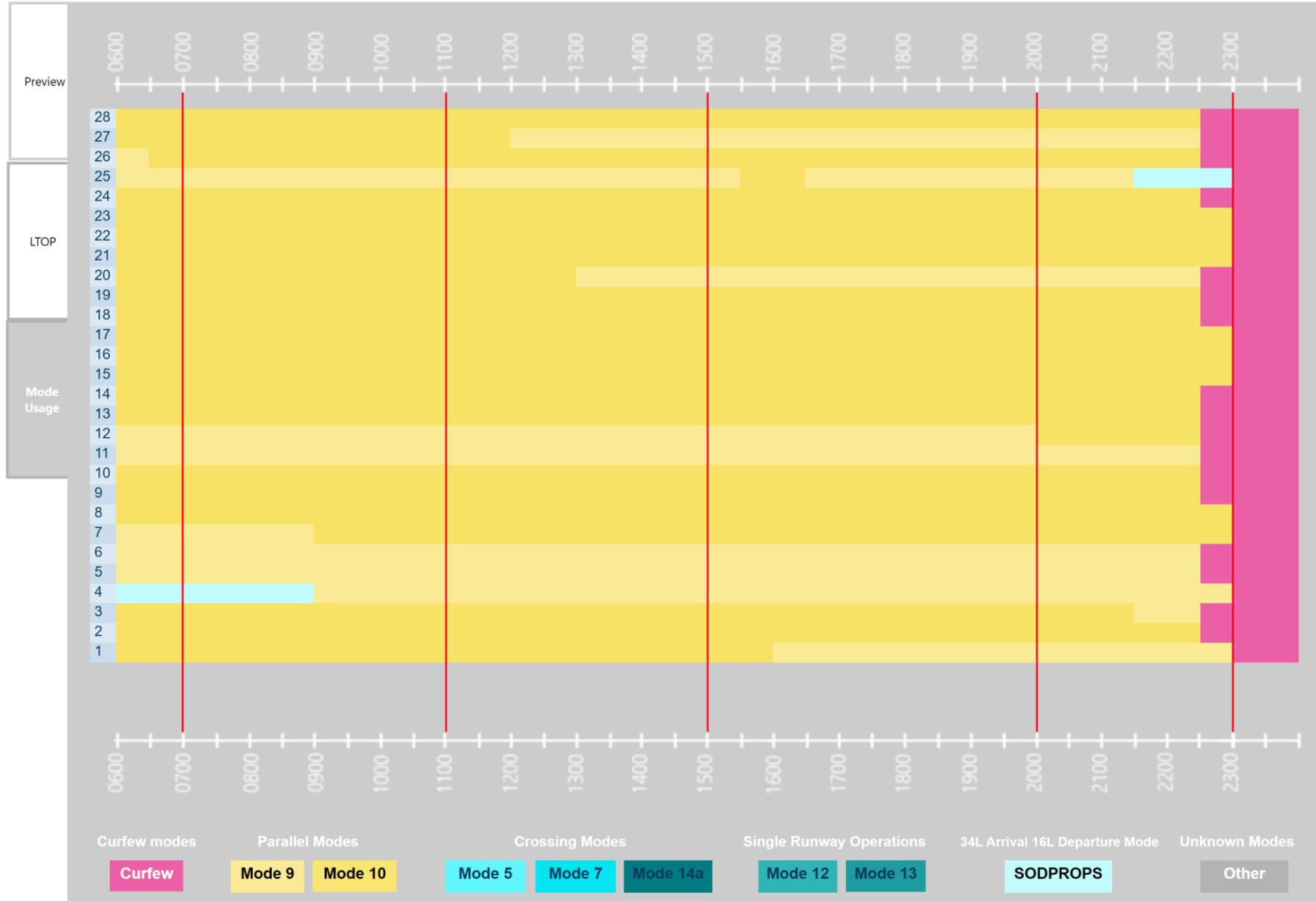
Select a month :

Feb-21



# Summary (Mode Usage)

February  
2021



Select a page :

Summary

**LTOP targets**

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Select a month :

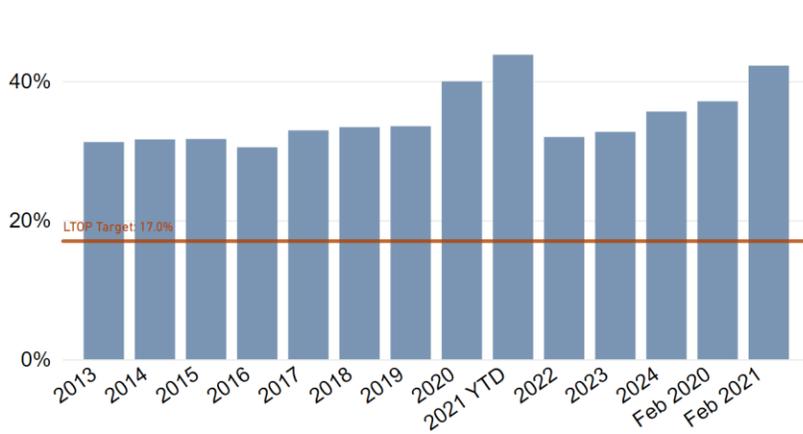
Feb-21



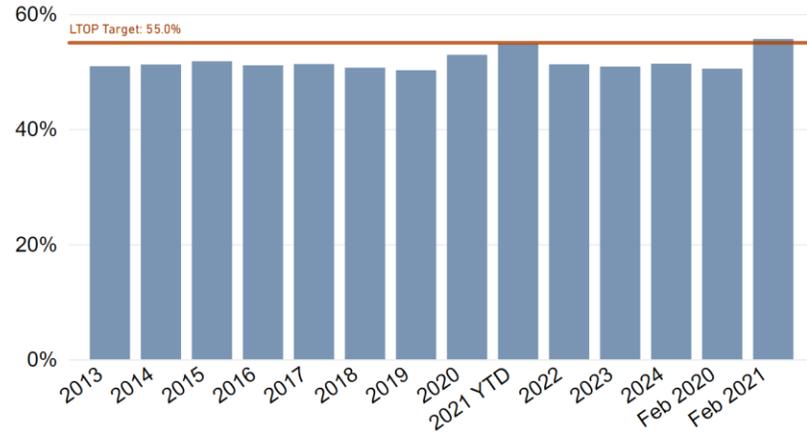
# LTOP Targets

February 2021

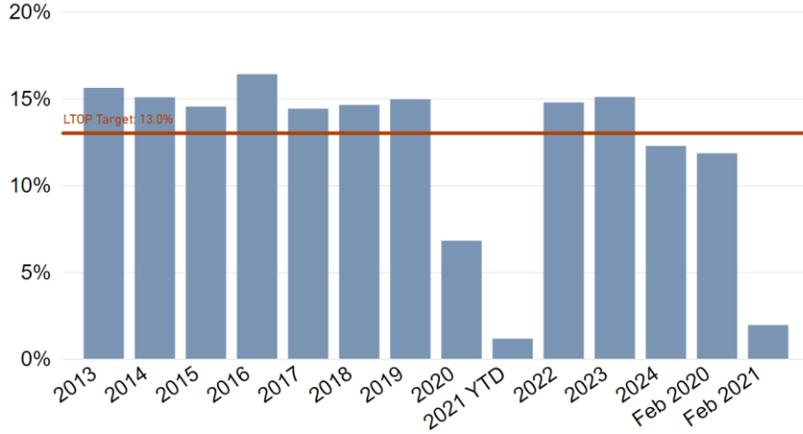
Northern runway end impact (16L and 16R arrivals plus 34L departures)



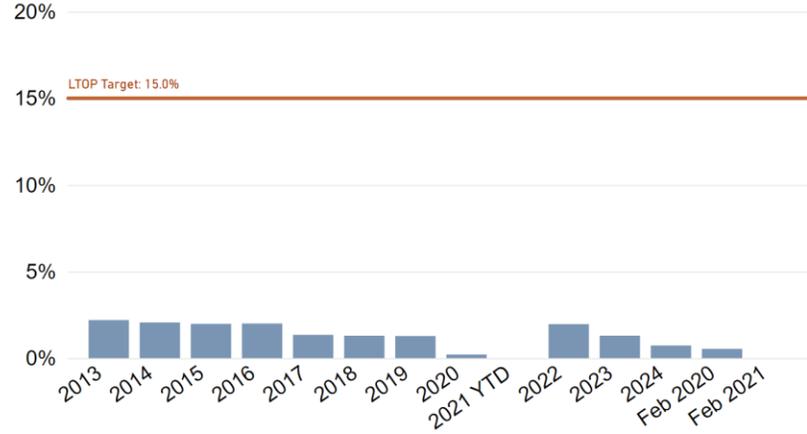
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



[Click here for 'Help'](#)

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Feb-21

Select a type :

All

# Operations by direction

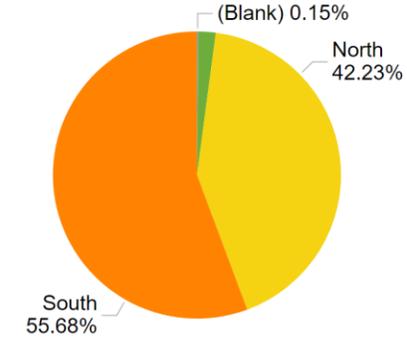
February  
2021

## Operations by day, direction and runway

Sector Date	Total	East		North				South				Total		
		34R D	Total	16L A	16R A	34L D	Total	16L D	16R D	34L A	34R A		Total	
2/1/2021			5	5	13		43	133	13	133	60	8	214	352
2/2/2021						130		130		162	11		173	303
2/3/2021						151	11	162		194	18		212	374
2/4/2021	3	3	3	3			144	144	22	22	149	10	203	353
2/5/2021	1	1	5	5			193	193		14	168	5	187	386
2/6/2021			1	1			135	135		1	116		117	253
2/7/2021	1	1			14	116	15	145		160	18		178	324
2/8/2021	1	1			14	179		193	15	219	3		237	431
2/9/2021					5	157		162	6	206	9		221	383
2/10/2021					8	172		180	10	229	13		252	432
2/11/2021			49	49			161	161		21	190	6	217	427
2/12/2021			66	66		32	148	180		32	146	22	200	446
2/13/2021	1	1			2	129		131	6	164			170	302
2/14/2021	1	1			15	132		147	4	185			189	337
2/15/2021	2	2			26	167		193	17	226			243	438
2/16/2021					5	156		161	6	209	4		219	380
2/17/2021	2	2			23	159		182	28	224	12		264	448
2/18/2021	2	2			11	184		195	6	252	8		266	463
2/19/2021	1	1			18	186		204	25	238	6		269	474
2/20/2021						68	80	148		110	86		196	344
2/21/2021					22	164		186	14	244	1		259	445
2/22/2021					87	138		225	88	185	2		275	500
2/23/2021	1	1			13	183		196	23	225	5		253	450
2/24/2021					39	172		211	53	231	4		288	499
2/25/2021			89	89	4	10	146	160	13	42	166	52	273	522
2/26/2021					30	181		211	73	219	12		304	515
2/27/2021			3	3		61	86	147		104	94	7	205	355
2/28/2021	1	1			17	171		188	15	232	1		248	437
<b>Total</b>	<b>7</b>	<b>17</b>	<b>221</b>	<b>221</b>	<b>366</b>	<b>3,275</b>	<b>1,162</b>	<b>4,803</b>	<b>437</b>	<b>4,483</b>	<b>1,302</b>	<b>110</b>	<b>6,332</b>	<b>11,373</b>

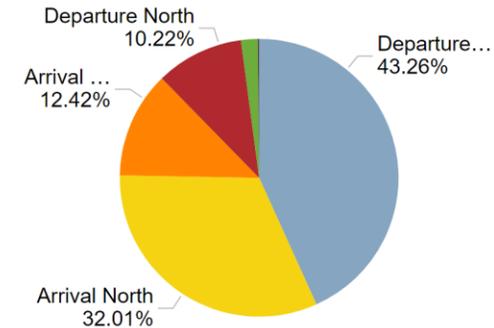
Total operations by compass direction

(Blank) East North South



Arrivals/departures by direction

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



Click here for 'Help' ?

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Select a type :

All

# Runway use summary

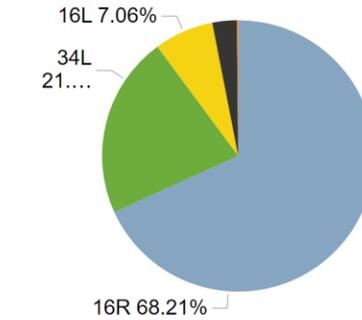
February  
2021

## Operations by day and runway

Runway Date	16L			16R			34L			34R			Total			
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total				
2/1/2021				13	13	26	77	133	210	60	43	103	8	5	13	352
2/2/2021										130	162	292	11			303
2/3/2021							151	194	345	18	11	29				374
2/4/2021	3		3		22	22		22	22	149	144	293	10	3	13	353
2/5/2021		1	1					14	14	168	193	361	5	5	10	386
2/6/2021								1	1	116	135	251		1	1	253
2/7/2021		1	1	14		14	116	160	276	18	15	33				324
2/8/2021		1	1	14	15	29	179	219	398	3		3				431
2/9/2021				5	6	11	157	206	363	9		9				383
2/10/2021				8	10	18	172	229	401	13		13				432
2/11/2021								21	21	190	161	351	6	49	55	427
2/12/2021							32	32	64	146	148	294	22	66	88	446
2/13/2021		1	1	2	6	8	129	164	293							302
2/14/2021		1	1	15	4	19	132	185	317							337
2/15/2021		2	2	26	17	43	167	226	393							438
2/16/2021				5	6	11	156	209	365	4		4				380
2/17/2021		2	2	23	28	51	159	224	383	12		12				448
2/18/2021		2	2	11	6	17	184	252	436	8		8				463
2/19/2021		1	1	18	25	43	186	238	424	6		6				474
2/20/2021							68	110	178	86	80	166				344
2/21/2021				22	14	36	164	244	408	1		1				445
2/22/2021				87	88	175	138	185	323	2		2				500
2/23/2021		1	1	13	23	36	183	225	408	5		5				450
2/24/2021				39	53	92	172	231	403	4		4				499
2/25/2021				4	13	17	10	42	52	166	146	312	52	89	141	522
2/26/2021				30	73	103	181	219	400	12		12				515
2/27/2021							61	104	165	94	86	180	7	3	10	355
2/28/2021		1	1	17	15	32	171	232	403	1		1				437
<b>Total</b>	<b>3</b>	<b>14</b>	<b>17</b>	<b>366</b>	<b>437</b>	<b>803</b>	<b>3,275</b>	<b>4,483</b>	<b>7,758</b>	<b>1,302</b>	<b>1,162</b>	<b>2,464</b>	<b>110</b>	<b>221</b>	<b>331</b>	<b>11,373</b>

## Operations by runway

● 16R ● 34L ● 16L ● 34R ● (Blank)



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# Hourly movement summary

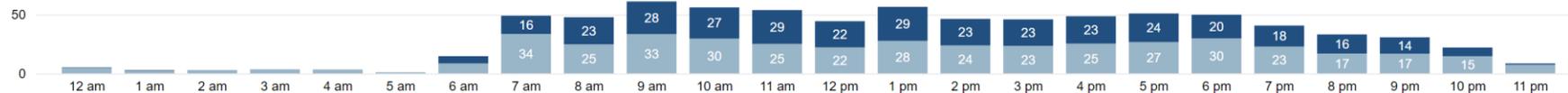
February 2021

## 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		
2/1/2021	1				2		5	32	23	33	26	22	26	31	17	19	19	16	25	12	12	8	19	4	352		
2/2/2021	4	3	6	6	2	1	6	30	13	22	16	16	14	15	11	18	19	13	16	18	16	15	16	7	303		
2/3/2021	7	2	1	6	4		11	26	20	33	19	22	19	23	18	25	26	22	22	13	10	19	14	12	374		
2/4/2021	5	3	4	6	2	1	5	23	20	20	18	16	19	18	17	21	21	21	12	29	24	19	20	9	353		
2/5/2021	6	5	3	4	5		9	20	18	23	23	24	27	33	20	23	30	32	32	20	13	12	4		386		
2/6/2021		1					1	5	15	22	15	17	30	15	21	15	18	20	12	9	13	7	10	6	1	253	
2/7/2021								5	8	15	26	19	27	21	28	25	20	24	21	23	22	23	12	5		324	
2/8/2021				1				10	37	28	40	33	31	24	33	24	21	25	25	19	15	12	18	10		431	
2/9/2021	6	1	1	5	4	2	11	29	25	28	22	26	20	19	21	24	19	18	25	15	19	19	14	10		383	
2/10/2021	9	3	4	3	5		11	33	28	38	26	31	19	24	22	23	26	26	21	18	17	22	13	10		432	
2/11/2021	7	5	3	5	4		7	29	27	30	25	20	20	31	22	23	24	31	30	23	16	21	15	9		427	
2/12/2021	6	4	3	5	4		10	29	22	27	31	26	24	36	30	27	25	34	33	20	20	19	11			446	
2/13/2021					1		7	20	21	26	19	33	25	24	21	17	20	15	8	12	10	14	9			302	
2/14/2021		1					5	9	20	26	28	25	20	33	17	24	26	23	23	18	15	16	5	3		337	
2/15/2021		1					2	8	32	25	39	32	33	23	27	21	27	29	24	33	26	17	13	18	8		438
2/16/2021	3	7		1	2		9	26	24	36	30	19	15	28	23	18	19	20	34	17	16	10	16	7		380	
2/17/2021	8	2	2	6	5		7	37	24	37	29	25	23	28	21	25	29	26	31	21	14	19	15	14		448	
2/18/2021	4	1	3	6	4		6	41	24	32	33	24	20	27	35	21	23	25	42	30	17	23	13	9		463	
2/19/2021	5	2	4	3	3		4	39	26	41	35	29	27	28	31	26	30	31	37	30	18	18	6	1		474	
2/20/2021	1	1	1			1	7	25	23	33	32	33	20	28	23	18	20	21	14	12	12	10	9			344	
2/21/2021							6	8	27	32	31	29	29	33	26	33	28	37	37	29	24	22	10	4		445	
2/22/2021	1		1				9	43	32	42	43	29	23	34	32	28	28	34	34	28	17	15	19	8		500	
2/23/2021	3	3	2	1			11	44	24	33	36	27	21	27	22	30	21	27	35	22	15	12	24	10		450	
2/24/2021	5		2	3	5		15	43	32	36	38	25	26	29	30	17	35	34	36	30	17	19	15	7		499	
2/25/2021	4	1	6	6	4	3	10	36	30	38	40	24	29	28	32	26	28	34	40	32	22	20	17	12		522	
2/26/2021	8	3	3	3	7	2	7	42	30	40	37	33	24	35	28	27	31	41	33	33	23	19	6			515	
2/27/2021	3	1	1				9	27	28	34	34	30	20	32	22	20	16	24	14	11	11	8	10			355	
2/28/2021							5	12	28	30	32	23	28	32	31	30	32	41	33	26	28	20	5	1		437	
<b>Total</b>	<b>96</b>	<b>50</b>	<b>50</b>	<b>70</b>	<b>63</b>	<b>13</b>	<b>220</b>	<b>795</b>	<b>679</b>	<b>890</b>	<b>804</b>	<b>732</b>	<b>621</b>	<b>785</b>	<b>657</b>	<b>649</b>	<b>693</b>	<b>728</b>	<b>757</b>	<b>599</b>	<b>468</b>	<b>446</b>	<b>352</b>	<b>156</b>	<b>11,373</b>		

## Average daily operations by hour of day

● Weekday ● Weekend



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- Seasonal mode

Select a month :

# Mode utilization summary

February  
2021

## Duration of mode use

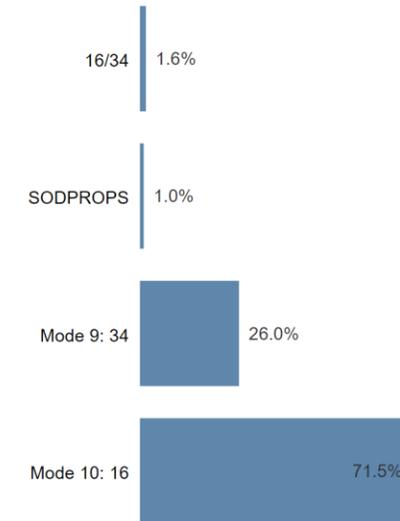
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
2/1/2021	07:00	00:14				06:59	09:47					24:00
2/2/2021	07:00	00:18					16:42					24:00
2/3/2021	07:00	00:18				01:06	15:36					24:00
2/4/2021	07:00	00:15	03:09			13:35						24:00
2/5/2021	07:00	00:19				16:41						24:00
2/6/2021	07:00	00:19				16:41						24:00
2/7/2021	07:00	00:14				03:14	13:32					24:00
2/8/2021	07:00	00:07					16:53					24:00
2/9/2021	07:00	00:18					16:42					24:00
2/10/2021	07:00	00:16					16:44					24:00
2/11/2021	07:00	00:19				16:41						24:00
2/12/2021	07:00	00:28				14:11	02:21					24:00
2/13/2021	07:00	00:16					16:44					24:00
2/14/2021	07:00	00:17					16:43					24:00
2/15/2021	07:00	00:14					16:46					24:00
2/16/2021	07:00	00:07					16:53					24:00
2/17/2021	07:00	00:12					16:48					24:00
2/18/2021	07:00	00:26					16:34					24:00
2/19/2021	07:00	00:26					16:34					24:00
2/20/2021	07:00	00:20				09:26	07:14					24:00
2/21/2021	07:00	00:13					16:47					24:00
2/22/2021	07:00	00:08					16:52					24:00
2/23/2021	07:00	00:04					16:56					24:00
2/24/2021	07:00	00:21					16:39					24:00
2/25/2021	07:00		01:35			14:09	01:16					24:00
2/26/2021	07:00	00:19				00:25	16:16					24:00
2/27/2021	07:00	00:19				10:30	06:11					24:00
2/28/2021	07:00	00:21					16:39					24:00
<b>Total</b>	<b>196:00</b>	<b>07:28</b>	<b>04:45</b>			<b>123:39</b>	<b>340:08</b>					<b>672:00</b>

Days with a mode used in excess of 9 hours

28	8	20
Any Mode	Mode 9	Mode 10

2                      2  
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%	0.8%			34.1%	64.5%			
Time	1.6%	1.0%			38.3%	59.1%			

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# Runway 16 Precision Runway Monitor operations

February  
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

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Feb-21

# Runway 34 departures maintaining heading

February  
2021

1,162

Flights departing from runway 34L

39

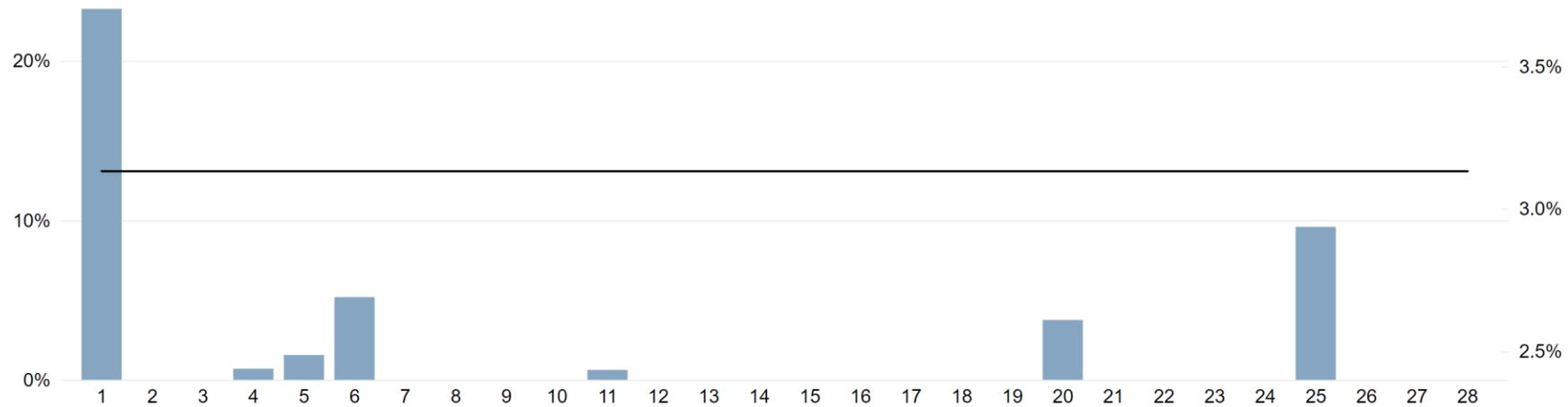
Flights maintaining runway heading

3.36%

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 page :

Summary

LTOP targets

Ops by direction

Runway usage

Hourly summary

Mode usage

PRM operations

34L departures

Noise sharing

Seasonal mode

Select a month :

Feb-21

# Noise sharing during non-peak hours

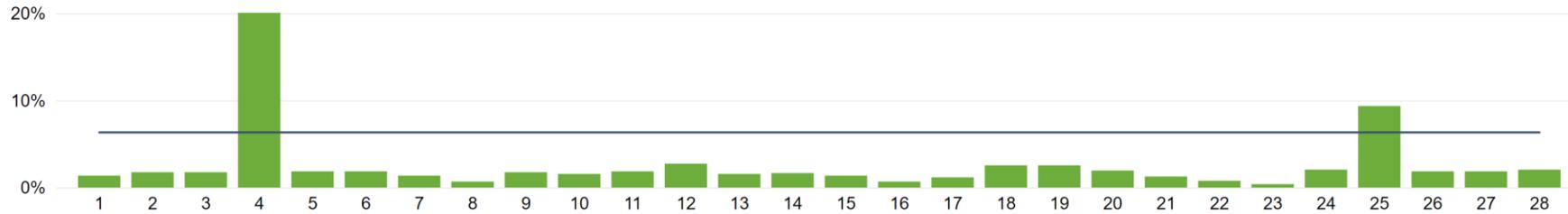
February 2021

Noise sharing time by month



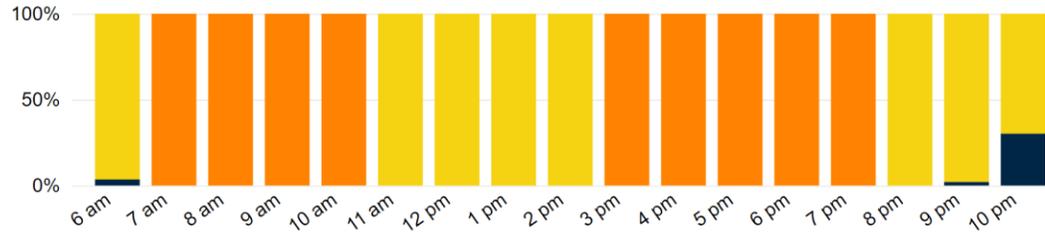
By day

● Noise Sharing Time — Average last 13 months

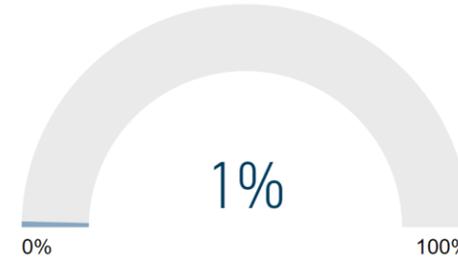


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



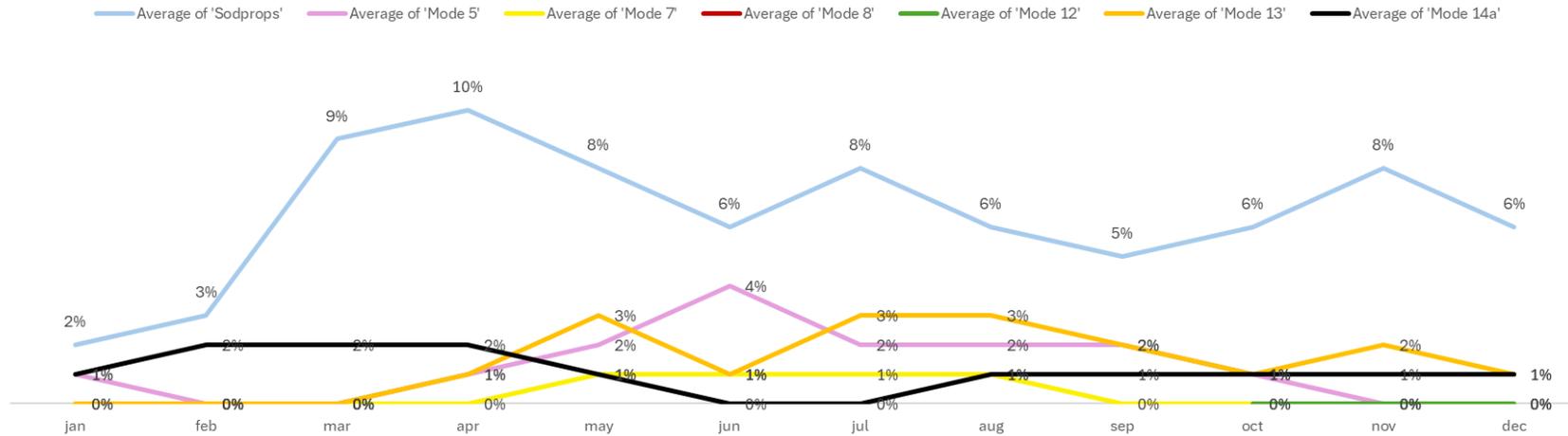
**Note :**

- 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

