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Sep-21

Summary (Preview)

September
2021

Preview

LTOP

Mode Usage

Total Runway Movements

2021		2020	
Sep-21	Aug-21	Sep-20	Aug-20
5,517	5,551	6,050	6,060
Total		Total	
184	179	202	195
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-21	Aug-21
North	17%	▲ 23.31%	▲ 20.00%
South	55%	▲ 55.41%	▼ 55.76%
East	13%	▲ 16.73%	▼ 18.68%
West	15%	▼ 4.44%	▼ 5.55%

▼▲ LTOP Target VS Sep-21
 ▼▲ Sep-21 VS Aug-21

Mode Utilization

Number of days individual mode used in excess of 9 hours

24

Airport Mode	Days
Mode 9	16
Mode 10	5
Mode 5	3

35.61%

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)

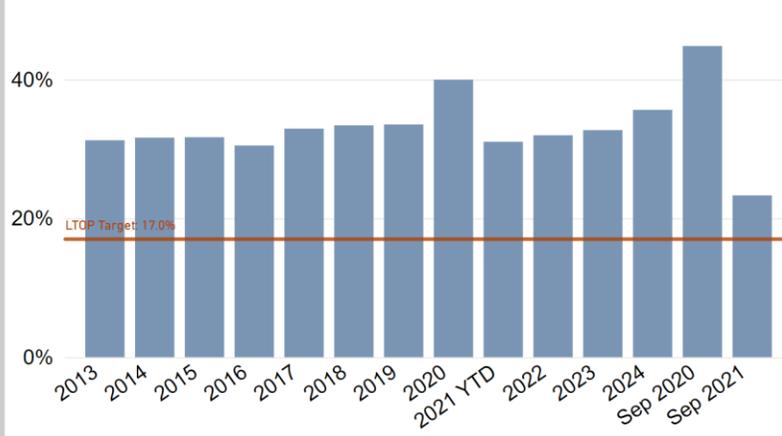
September 2021

Preview

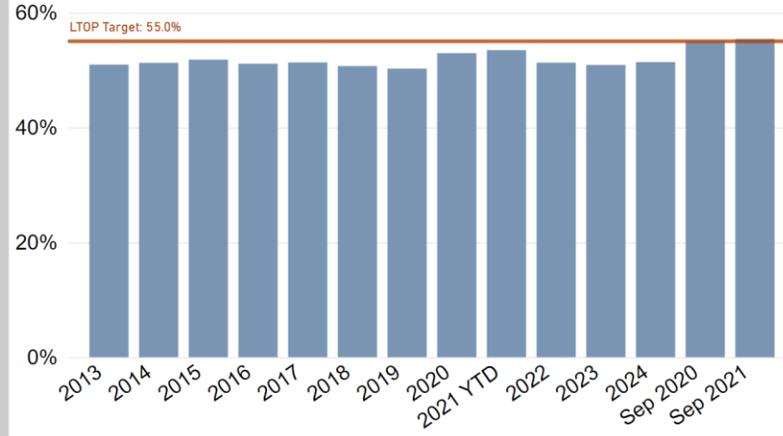
LTOP

Mode Usage

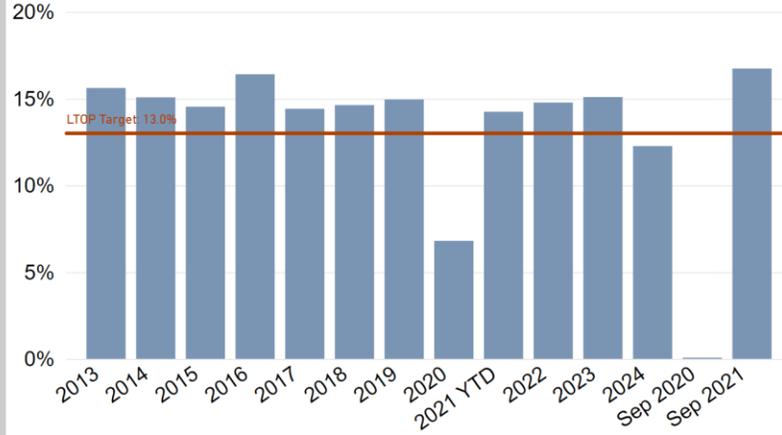
Northern runway end impact (16L and 16R arrivals plus 34L departures)



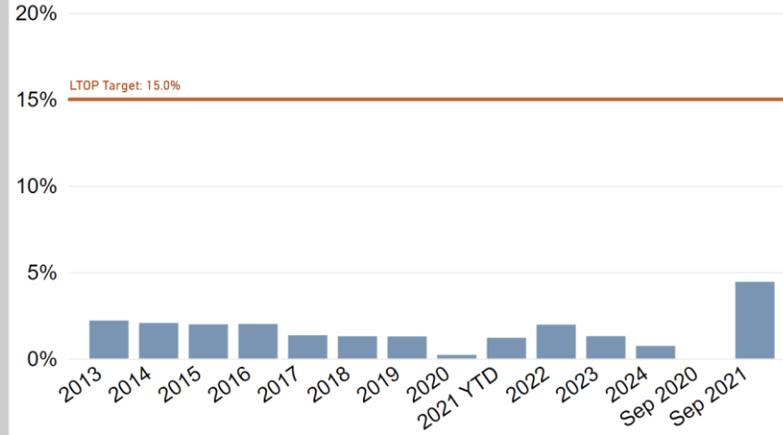
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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



Western runway end impact (07 arrivals plus 25 departures)



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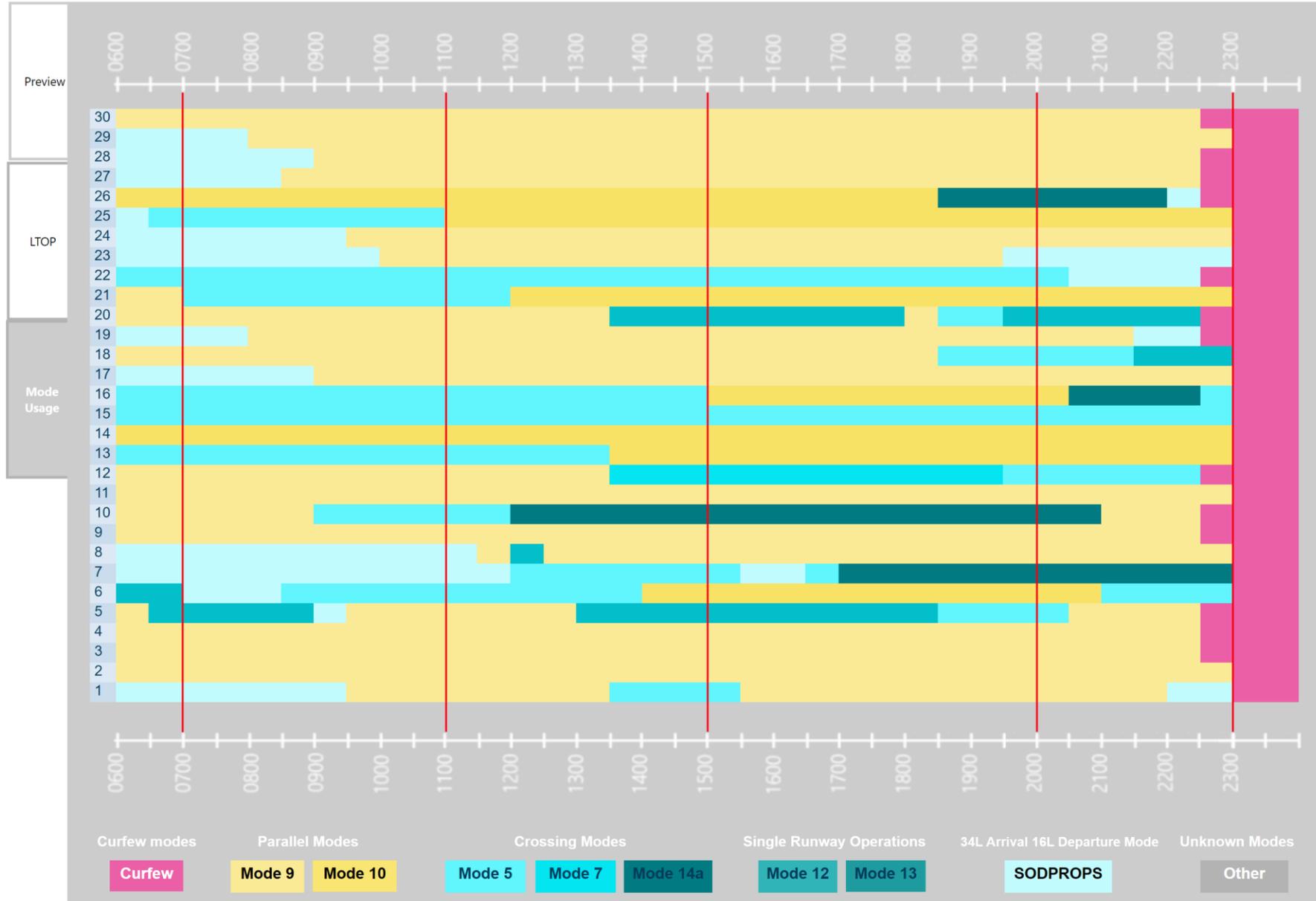
Select a month :

Sep-21



Summary (Mode Usage)

September
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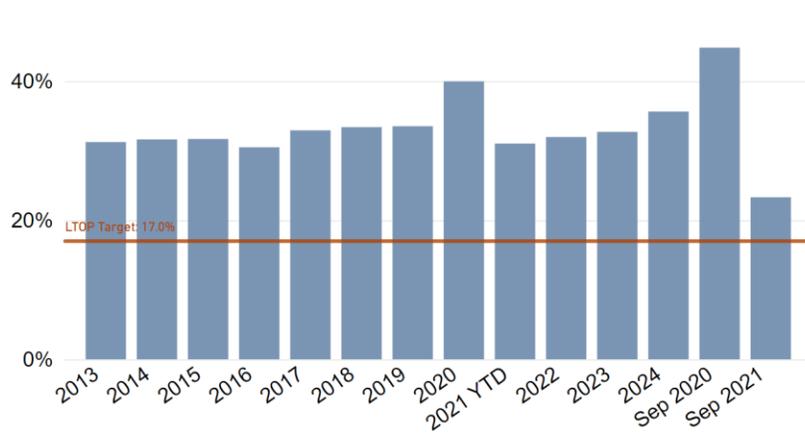
Select a month :

Sep-21

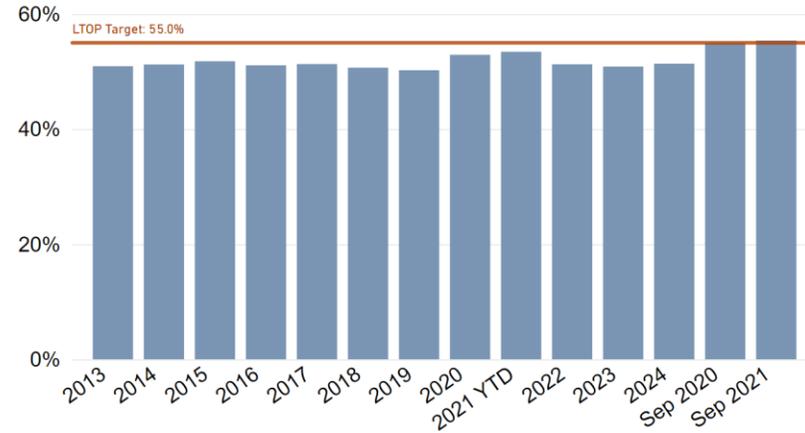
LTOP Targets

September 2021

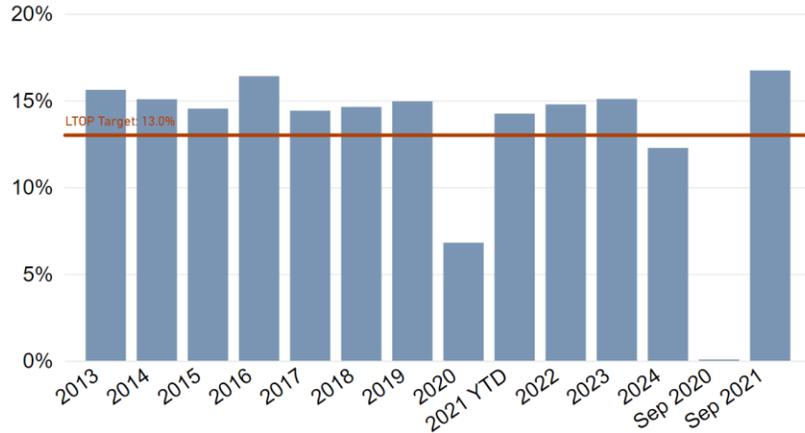
Northern runway end impact (16L and 16R arrivals plus 34L departures)



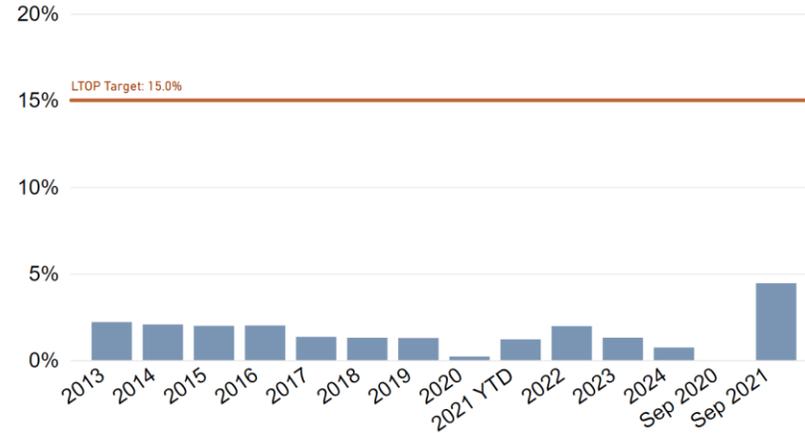
Southern runway end impact (16L and 16R departures plus 34L and 34R arrivals)



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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Select a type :

All

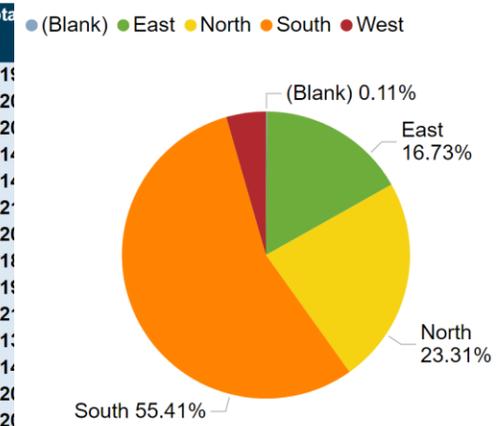
Operations by direction

September 2021

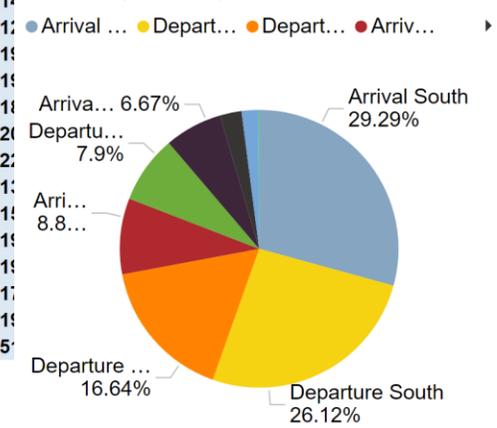
Operations by day, direction and runway

Sector	Date	Total	East			North			South				West			Total			
			07 D	25 A	34R D	16L A	34L D	Total	16L D	16R D	34L A	34R A	Total	07 A	25 D		Total		
	9/1/2021			10	12	22		42	42	17	31	83	2	133		2	2	138	
	9/2/2021			2	34	36		52	52		26	92	1	119				120	
	9/3/2021				37	37		55	55		15	98		113	2		2	117	
	9/4/2021				31	31		43	43		3	61	4	68				72	
	9/5/2021			42	12	54		25	25	1	3	26		30		32	32	62	
	9/6/2021			45		45	38	4	42	22	81	20		123	1	3	4	127	
	9/7/2021	1	1	16		16		15	15	36	56	43	4	139	37		37	176	
	9/8/2021			3	5	8		43	43	36	16	75	5	132	1	3	4	140	
	9/9/2021	1	1			36	36	52	52		20	79	8	107	1		1	115	
	9/10/2021			17	10	27		20	20	15	64	27		106	58	2	60	164	
	9/11/2021					21	21	47	47			59	4	63	1		1	64	
	9/12/2021			41	18	59		22	22		15	26		41		19	19	60	
	9/13/2021			48		48	51	5	51	19	86	3		108	1		1	109	
	9/14/2021	1	1	1		1	87		87	7	103	6		116				123	
	9/15/2021			84		84	2		2	18	83	10		111				121	
	9/16/2021			32		32	35	1	36	22	84	11		117	10		10	127	
	9/17/2021				25	25		57	57	11	9	98	4	122				136	
	9/18/2021			14	8	22		46	46	2	16	51	1	70		9	9	79	
	9/19/2021			1	21	22		36	36	4	4	62	1	71				72	
	9/20/2021			40	25	65		35	35	12	39	12		63	1	29	30	93	
	9/21/2021	1	1	23		23	59		59	10	90	13		113		1	1	114	
	9/22/2021			49		49		12	12	19	65	34		118		1	1	119	
	9/23/2021				21	21		43	43	29	19	86	2	136	2	1	3	139	
	9/24/2021				26	26		53	53	19	15	100	6	140		1	1	141	
	9/25/2021	1	1	19		19	41		41	14	56	4		74				78	
	9/26/2021	1	1				55	5	60	13	59	3		75	19	1	20	95	
	9/27/2021				29	29		57	57	7	5	81	15	108	1	2	3	111	
	9/28/2021			1		16	17	51	51	11	23	81	6	121	2		2	123	
	9/29/2021				19	19		49	49	6	20	76	7	109	1		1	110	
	9/30/2021				29	29		53	53		24	76	11	111	1		1	112	
	Total	6	6	1	487	435	923	368	918	1,286	338	1,103	1,523	93	3,057	139	106	245	5,505

Total operations by compass direction



Arrivals/departures by direction



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Sep-21

Select a type :

All

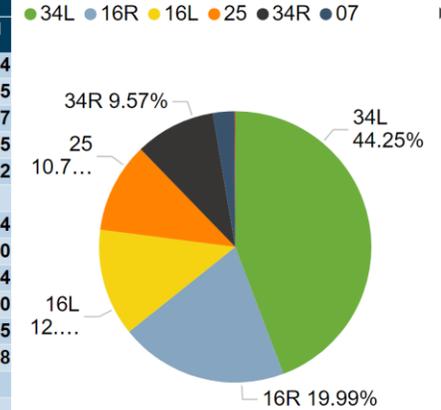
Runway use summary

September
2021

Operations by day and runway

Runway	07		16L			16R			25			34L			34R					
Date	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
9/1/2021							17	17	31	31	10	2	12	83	42	125	2	12	14	
9/2/2021										26	26	2		2	92	52	144	1	34	35
9/3/2021			2		2				15	15				98	55	153		37	37	
9/4/2021									3	3				61	43	104	4	31	35	
9/5/2021							1	1	3	3	42	32	74	26	25	51		12	12	
9/6/2021			1		1	38	22	60	81	81	45	3	48	20	4	24				
9/7/2021	1	1	37		37		36	36	56	56	16		16	43	15	58	4		4	
9/8/2021			1		1		36	36	16	16	3	3	6	75	43	118	5	5	10	
9/9/2021	1	1	1		1				20	20				79	52	131	8	36	44	
9/10/2021			58		58		15	15	64	64	17	2	19	27	20	47		10	10	
9/11/2021			1		1									59	47	106	4	21	25	
9/12/2021									15	15	41	19	60	26	22	48		18	18	
9/13/2021			1		1	51	19	70	86	86	48		48	3		3				
9/14/2021	1	1				87	7	94	103	103	1		1	6		6				
9/15/2021						2	18	20	83	83	84		84	10		10				
9/16/2021			10		10	35	22	57	84	84	32		32	11	1	12				
9/17/2021							11	11	9	9				98	57	155	4	25	29	
9/18/2021							2	2	16	16	14	9	23	51	46	97	1	8	9	
9/19/2021							4	4	4	4	1		1	62	36	98	1	21	22	
9/20/2021			1		1				12	12	40	29	69	39	35	74	12	25	37	
9/21/2021	1	1				59	10	69	90	90	23	1	24	13		13				
9/22/2021							19	19	65	65	49	1	50	34	12	46				
9/23/2021			2		2		29	29	19	19		1	1	86	43	129	2	21	23	
9/24/2021							19	19	15	15		1	1	100	53	153	6	26	32	
9/25/2021	1	1				41	14	55	56	56	19		19	4		4				
9/26/2021	1	1	19		19	55	13	68	59	59		1	1	3	5	8				
9/27/2021			1		1		7	7	5	5		2	2	81	57	138	15	29	44	
9/28/2021			2	1	3		11	11	23	23				81	51	132	6	16	22	
9/29/2021			1		1		6	6	20	20				76	49	125	7	19	26	
9/30/2021			1		1				24	24				76	53	129	11	29	40	
Total	6	6	139	1	140	368	338	706	1,103	1,103	487	106	593	1,523	918	2,441	93	435	528	

Operations by runway



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Sep-21

Select a type :

All Aircraft

Hourly movement summary

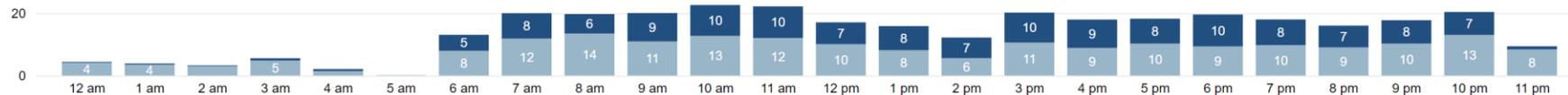
September
2021

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
9/1/2021	6	5	6	4	2		6	14	13	10	13	12	9	6	8	9	8	8	11	8	12	6	15	8	199
9/2/2021	7	3	6	8			9	9	10	13	6	12	9	7	7	8	16	8	8	13	12	10	15	11	207
9/3/2021	5	4	5	7	1		6	13	16	12	13	13	8	8	8	16	8	14	15	11	5	13	5	1	207
9/4/2021		2			1		5	10	4	6	9	9	9	6	11	11	9	8	11	6	8	8	7	2	142
9/5/2021				2			4	7	7	10	8	11	7	10	5	16	6	10	9	7	6	9	7		141
9/6/2021			2		2		10	16	12	16	14	21	10	12	6	12	7	10	8	8	8	14	14	12	214
9/7/2021	4	4	1	5	4		10	7	17	9	14	10	15	7	7	6	8	8	7	12	9	13	21	10	208
9/8/2021	7	2	3	4	3		9	13	15	7	14	12	6	5	5	8	9	4	7	9	9	11	14	11	187
9/9/2021	2	5	4	7			5	12	11	12	6	12	7	9	4	9	12	11	8	13	8	12	19	9	197
9/10/2021	5	6	2	7			6	17	15	10	16	12	10	9	9	17	10	17	9	14	9	6	6	1	213
9/11/2021	1						5	9	4	9	11	11	6	8	3	8	13	4	12	10	3	9	6		132
9/12/2021							6	6	8	11	10	11	6	8	4	11	12	7	7	12	6	10	4	2	141
9/13/2021			2				9	14	19	12	21	15	12	8	3	12	9	10	12	6	8	12	10	14	208
9/14/2021	4	4	2	4	4	2	9	10	14	9	11	11	12	7	4	9	8	11	8	9	11	13	17	12	205
9/15/2021	6	4	2	7	2		9	14	14	10	13	12	2	6	7	14	8	8	7	11	4	13	16	8	197
9/16/2021	5	4	4	4	3	1	8	8	10	10	7	11	12	6	1	15	9	16	8	9	6	12	15	11	195
9/17/2021	3	2	2	7			10	11	15	10	12	13	14	9	10	11	11	14	16	13	10	7	4		204
9/18/2021					1		5	12	7	10	11	11	7	5	6	4	12	7	11	9	9	9	8	3	147
9/19/2021	1		1	2	2		5	3	7	8	9	6	5	11	5	9	8	9	14	6	7	6	5		129
9/20/2021							10	13	14	12	19	14	13	10	4	6	5	9	12	7	11	12	12	10	193
9/21/2021	5	6	2	7	1		5	10	14	13	11	13	11	10	3	8	10	7	10	7	12	9	16	7	197
9/22/2021	8	5	2	6	3		8	13	9	9	13	8	8	5	4	10	4	8	4	10	10	8	15	10	180
9/23/2021	5	3	3	7	2		10	10	6	14	8	12	12	8	3	13	11	13	8	9	9	11	17	9	203
9/24/2021	5	6	5	4			9	15	17	12	12	11	14	11	12	16	9	17	13	11	8	7	5	1	220
9/25/2021		1	1		1		5	8	7	9	12	11	10	5	8	6	6	6	8	6	8	5	12		135
9/26/2021				2			6	10	6	10	9	11	6	9	11	12	7	13	10	10	9	4	10	1	156
9/27/2021		2		1			10	10	15	11	18	17	13	12	7	10	3	11	9	6	13	7	14	8	197
9/28/2021	4	3	5	7	1		5	8	17	11	12	6	10	13	3	3	11	7	10	9	8	11	14	13	191
9/29/2021	5	3	5	5	2		6	13	12	9	15	12	5	5	4	9	7	6	10	10	8	7	11	9	178
9/30/2021	6	6	3	5	2		6	12	12	10	13	7	10	6	4	12	12	9	6	10	9	12	12	10	194
Total	94	80	68	112	37	3	216	327	347	314	360	347	278	241	176	310	268	290	288	281	255	286	346	193	5,517

Average daily operations by hour of day

● Weekday ● Weekend



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Mode utilization summary

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Duration of mode use

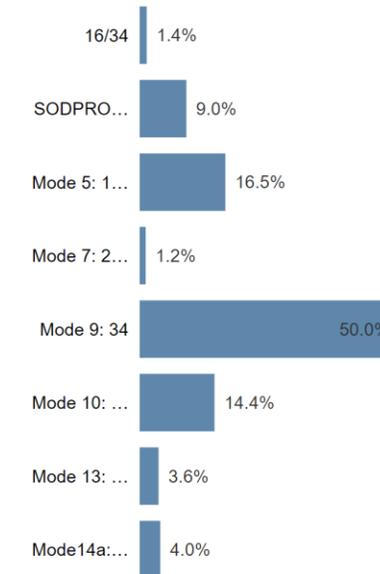
Date	Curfew	16/34	SODPROPS	Mode 5: 16/25	Mode 7: 25/34	Mode 9: 34	Mode 10: 16	Mode 12: 07	Mode 13: 25	Mode 14a: 16/07	Other	Total
9/1/2021	07:00	00:15	04:32	02:03		10:11						24:00
9/2/2021	07:00	00:15				16:45						24:00
9/3/2021	07:00	00:20				16:40						24:00
9/4/2021	07:00	00:17				16:43						24:00
9/5/2021	07:00	00:24	00:25	02:14		06:30			07:28			24:00
9/6/2021	07:00	00:12	01:31	07:09			06:58		01:10			24:00
9/7/2021	07:00		07:05	04:23						05:32		24:00
9/8/2021	07:00	00:11	05:24			10:46			00:39			24:00
9/9/2021	07:00	00:19				16:41						24:00
9/10/2021	07:00	00:27		03:08		04:31				08:54		24:00
9/11/2021	07:00	00:13				16:47						24:00
9/12/2021	07:00	00:17		03:23	05:55	07:25						24:00
9/13/2021	07:00			07:43			09:17					24:00
9/14/2021	07:00						17:00					24:00
9/15/2021	07:00	00:12		16:48								24:00
9/16/2021	07:00	00:14		09:30			05:23			01:53		24:00
9/17/2021	07:00	00:11	03:11			13:38						24:00
9/18/2021	07:00	00:10		02:53		12:38			01:19			24:00
9/19/2021	07:00	00:19	03:04			13:37						24:00
9/20/2021	07:00	00:15		00:40		08:07			07:58			24:00
9/21/2021	07:00	00:09		04:51		01:02	10:58					24:00
9/22/2021	07:00	00:18	02:03	14:39								24:00
9/23/2021	07:00	00:06	07:04			09:50						24:00
9/24/2021	07:00	00:07	03:26			13:27						24:00
9/25/2021	07:00	00:13	00:29	04:43			11:35					24:00
9/26/2021	07:00	00:19	00:29				12:15			03:57		24:00
9/27/2021	07:00	00:19	02:19			14:22						24:00
9/28/2021	07:00	00:24	02:53			13:43						24:00
9/29/2021	07:00	00:12	01:56			14:52						24:00
9/30/2021	07:00	00:18				16:42						24:00
Total	210:00	06:56	45:51	84:05	05:55	254:56	73:27		18:34	20:16		720:00

Days with a mode used in excess of 9 hours

24 Any Mode 16 Mode 9 5 Mode 10

15 At any time 13 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%	7.5%	3.3%	0.0%	44.4%	41.7%		1.8%	0.5%
Time	1.6%	9.8%	6.6%	0.1%	43.7%	34.3%		3.0%	1.0%

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Runway 16 Precision Runway Monitor operations

September
2021

Date	Start Time	End Time	Duration
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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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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 :

Sep-21

Runway 34 departures maintaining heading

September
2021

918

Flights departing from runway 34L

33

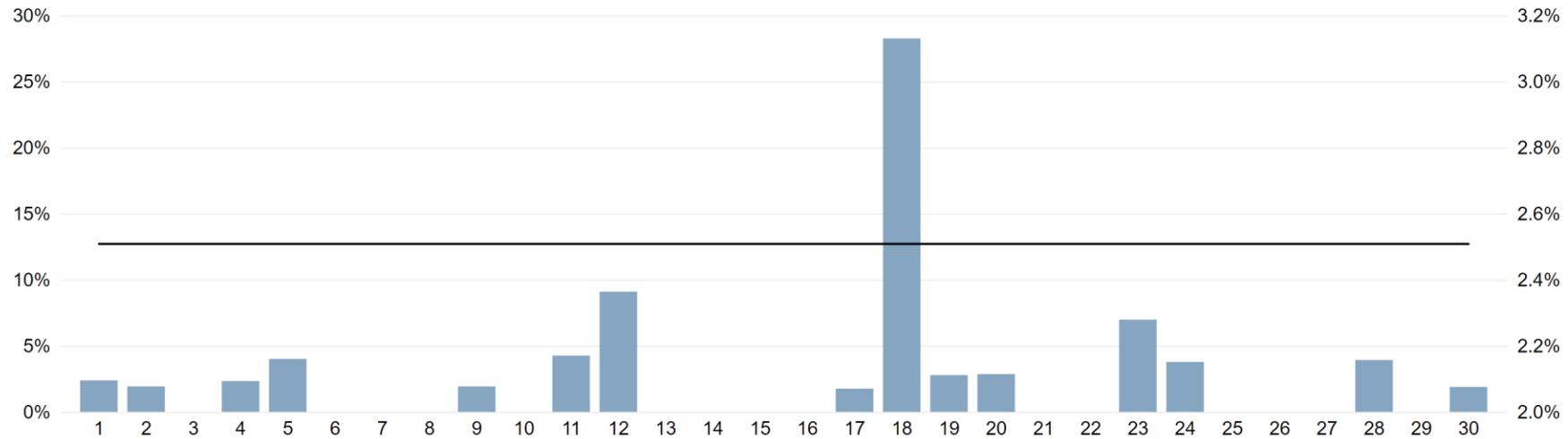
Flights maintaining runway heading

3.59%

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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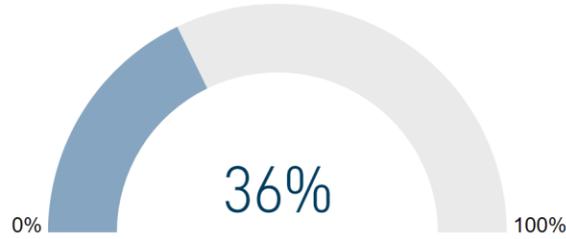
Select a month :

Sep-21

Noise sharing during non-peak hours

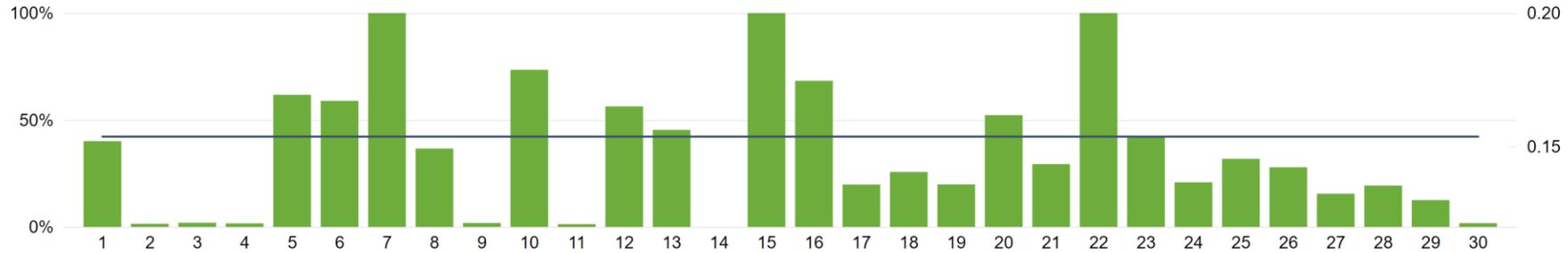
September 2021

Noise sharing time by month



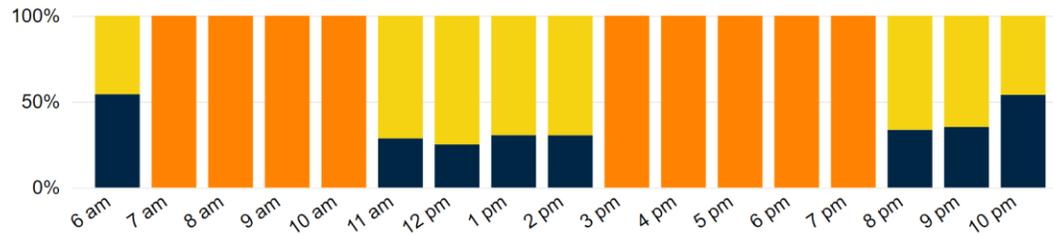
By day

● Noise Sharing Time — Average last 13 months

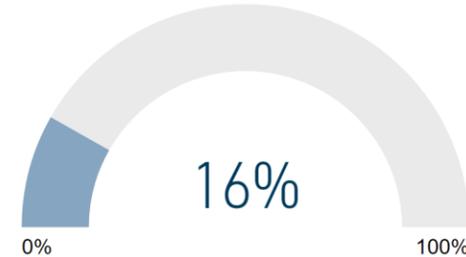


By hour

● Time spent ● Non-peak periods ● Peak periods



Flights during noise sharing



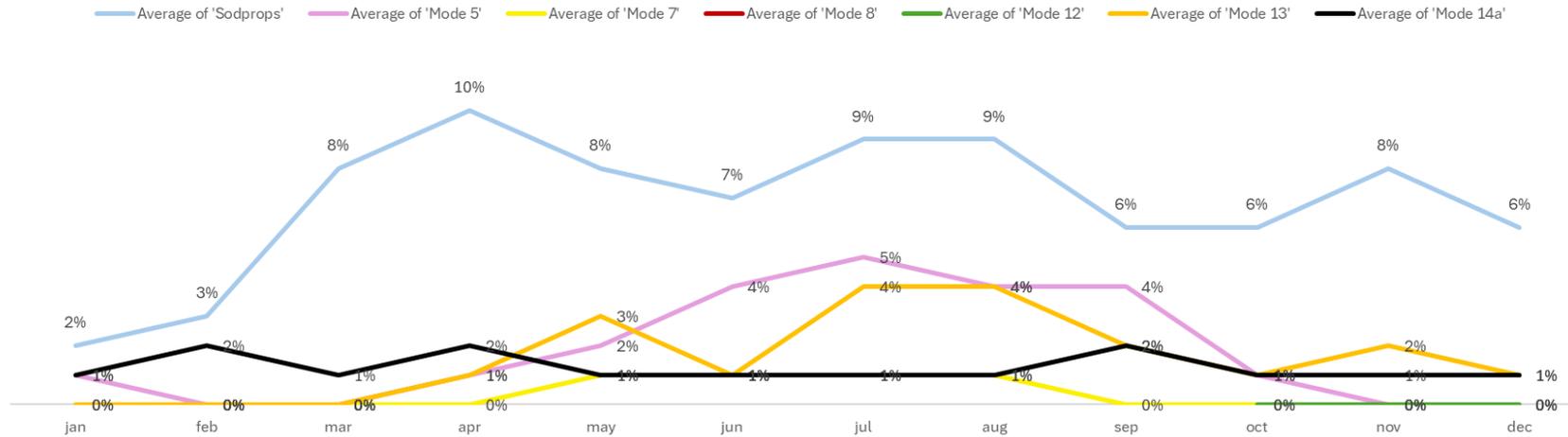
Note :

- 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

