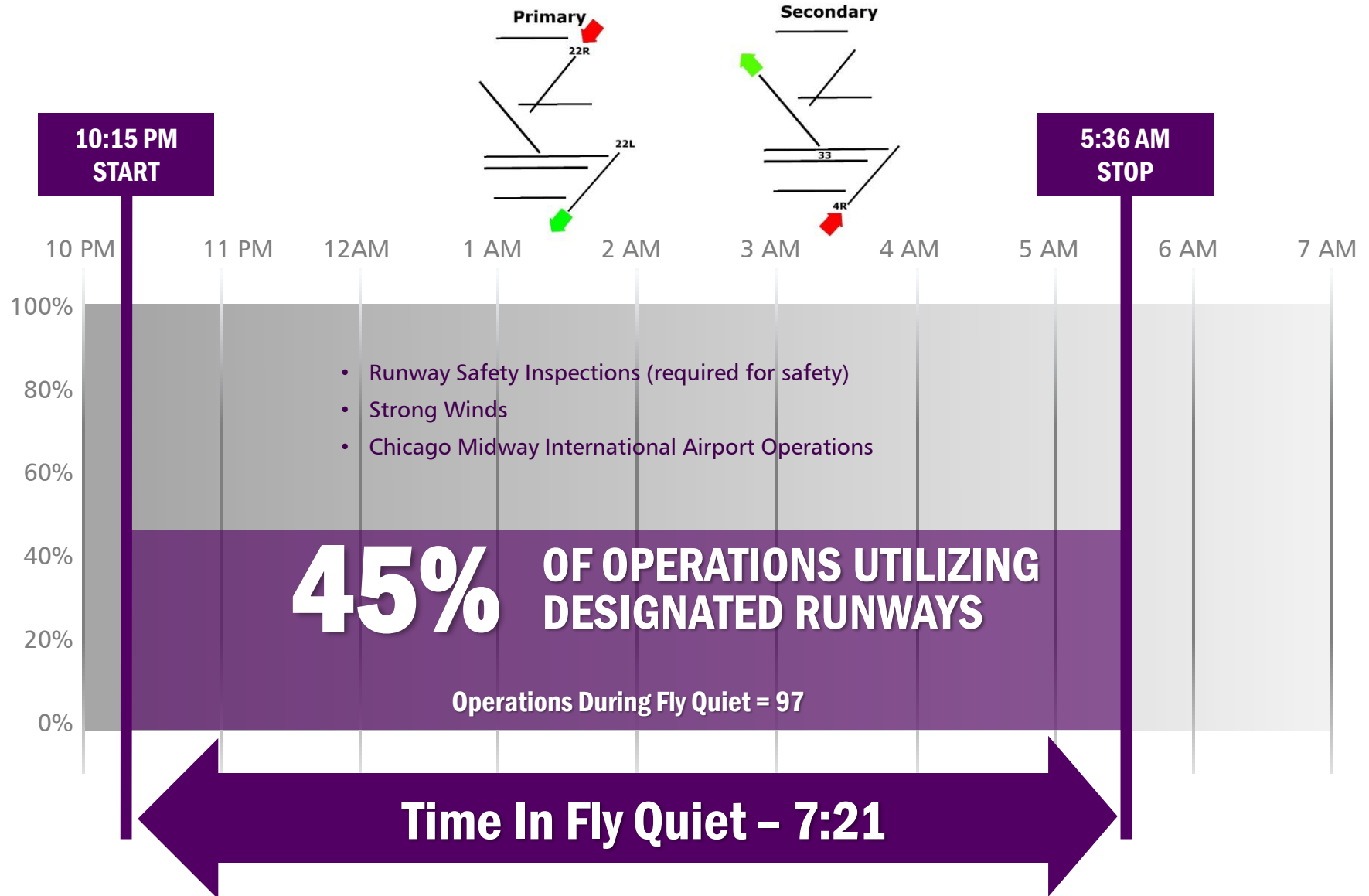


FLY QUIET SUMMARY

WEEK OF NOVEMBER 13, 2016 (Week 20)



Note: Values above represent the average for time period.

**RUNWAY ROTATION TEST
JULY 6, 2016 TO DECEMBER 25, 2016**



Week of November 13th (Week 20)

Overall Fly Quiet					Runway Rotation Test				
Start	Stop	Duration (hrs: mins)	Percentage of Nighttime ¹	Operations	Start	Stop	Duration ² (hrs: mins)	Primary ³	Secondary ³
11/13/16 - 10:35 PM	11/14/16 - 05:41 AM	7:06	79%	87	11/13/16 - 11:01 PM	11/14/16 - 05:41 AM	5:53	62%	5%
11/14/16 - 10:20 PM	11/15/16 - 05:36 AM	7:16	81%	82	11/14/16 - 10:20 PM	11/15/16 - 05:36 AM	5:59	71%	0%
11/15/16 - 10:20 PM	11/16/16 - 05:34 AM	7:14	80%	85	11/15/16 - 10:33 PM	11/16/16 - 05:34 AM	5:50	85%	0%
11/16/16 - 10:32 PM	11/17/16 - 05:36 AM	7:04	79%	88	--	--	0:00	0%	0%
11/17/16 - 10:00 PM	11/18/16 - 05:30 AM	7:30	83%	129	11/17/16 - 10:00 PM	11/18/16 - 05:30 AM	4:41	62%	0%
11/18/16 - 10:00 PM	11/19/16 - 05:36 AM	7:36	84%	127	--	--	0:00	1%	8%
11/19/16 - 10:00 PM	11/20/16 - 05:41 AM	7:41	85%	81	--	--	0:00	0%	35%
Average (Week of November 13th)					Average (Week of November 13th)				
10:15 PM	5:36 AM	7:21	82%	97	10:28 PM	5:35 AM	3:11	39%	6%
Cumulative Week 1 - 20 (July 6 - November 19)					Cumulative Week 1 - 20 (July 6 - November 19)				
10:42 PM	5:41 AM	6:58	77%	96	11:19 PM	5:34 AM	4:43	50%	21%

Notes:

- 1: FAR Part 150 considers nighttime hours 10:00 PM - 07:00 AM.
- 2: Duration was not continuous because FAR Part 139 necessitates nightly runway closures for safety inspections.
- 3: Percentage of operations on designated runways for rotation within the overall Fly Quiet Time.

Summary:

The average time in Fly Quiet was 7 hours and 21 minutes per night.
The percentage of operations on the rotation runways in the primary or secondary configuration was 45%.

Comments:

- a: There were 20 requests granted for alternative runways during the rotation period.
- b: On the night of 11/16 the Rotation Test was restricted due to operations at Chicago Midway International Airport.
- c: On the nights of 11/18 and 11/19 the Rotation Test was restricted due to strong winds in the Chicago area.
- d: The Rotation Test was restricted at times due to airfield ground operations.
- e: Winds were less than 5 knots 21% of the time (potential for east or west flow).
- f: Winds were greater than 5 knots and from the west 59% of the time (potential for west flow).
- g: Winds were greater than 5 knots and from the east 12% of the time (potential for east flow).
- h: Winds were greater than 5 knots and from the south 8% of the time.
- i: Winds were greater than 5 knots and from the north 0% of the time.
- j: Winds were greater than 5 knots and variable 0% of the time.

