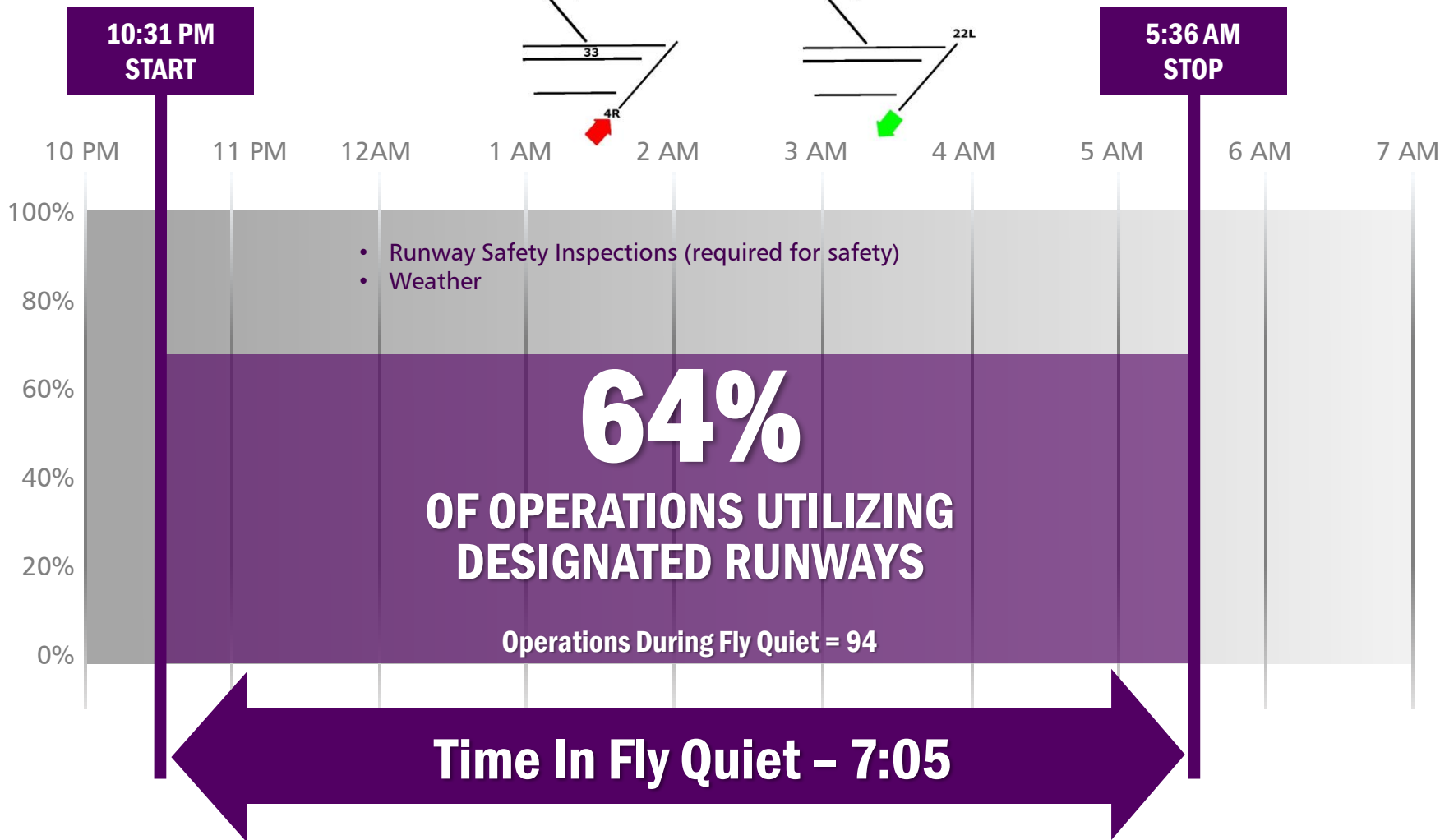
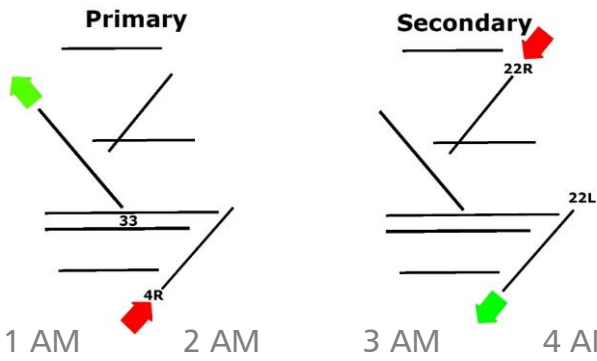


# FLY QUIET SUMMARY

## WEEK OF OCTOBER 16, 2016 (Week 16)



Note: Values above represent the average for time period.

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



**Week of October 16th (Week 16)**

Overall Fly Quiet					Runway Rotation Test				
Start	Stop	Duration (hrs: mins)	Percentage of Nighttime <sup>1</sup>	Operations	Start	Stop	Duration <sup>2</sup> (hrs: mins)	Primary <sup>3</sup>	Secondary <sup>3</sup>
10/16/16 - 10:48 PM	10/17/16 - 05:45 AM	6:57	77%	98	--	--	0:00	0%	0%
10/17/16 - 10:43 PM	10/18/16 - 05:31 AM	6:48	76%	88	10/17/16 - 10:43 PM	10/18/16 - 05:31 AM	5:36	0%	78%
10/18/16 - 10:41 PM	10/19/16 - 05:32 AM	6:51	76%	79	10/18/16 - 10:41 PM	10/19/16 - 05:32 AM	5:57	92%	3%
10/19/16 - 10:47 PM	10/20/16 - 05:39 AM	6:52	76%	100	10/19/16 - 11:29 PM	10/20/16 - 05:39 AM	4:23	73%	0%
10/20/16 - 10:17 PM	10/21/16 - 05:34 AM	7:17	81%	110	10/20/16 - 11:13 PM	10/21/16 - 05:34 AM	5:01	73%	0%
10/21/16 - 10:23 PM	10/22/16 - 05:30 AM	7:07	79%	97	10/21/16 - 10:23 PM	10/22/16 - 05:30 AM	6:12	0%	79%
10/22/16 - 10:02 PM	10/23/16 - 05:47 AM	7:45	86%	84	10/22/16 - 10:39 PM	10/23/16 - 05:39 AM	5:06	0%	51%
<b>Average (Week of October 16th)</b>					<b>Average (Week of October 16th)</b>				
<b>10:31 PM</b>	<b>5:36 AM</b>	<b>7:05</b>	<b>79%</b>	<b>94</b>	<b>10:51 AM</b>	<b>5:34 PM</b>	<b>4:36</b>	<b>34%</b>	<b>29%</b>
<b>Cumulative Week 1 - 16 (July 6 - October 22)</b>					<b>Cumulative Week 1 - 16 (July 6 - October 22)</b>				
<b>10:46 PM</b>	<b>5:41 AM</b>	<b>6:54</b>	<b>76%</b>	<b>96</b>	<b>11:25 PM</b>	<b>5:34 AM</b>	<b>4:50</b>	<b>54%</b>	<b>18%</b>

**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 5 minutes per night.  
The percentage of operations on the rotation runways in the primary or secondary configuration was 64%.

**Comments:**

- a: There were 17 requests granted for alternative runways during the rotation period.
- b: On the night of 10/16 the Rotation Test was restricted due to weather in the Chicago area.
- c: Winds were less than 5 knots 10% of the time (potential for east or west flow).
- d: Winds were greater than 5 knots and from the west 68% of the time (potential for west flow).
- e: Winds were greater than 5 knots and from the east 2% of the time (potential for east flow).
- f: Winds were greater than 5 knots and from the south 12% of the time.
- g: Winds were greater than 5 knots and from the north 8% of the time.
- h: Winds were greater than 5 knots and variable 0% of the time.

