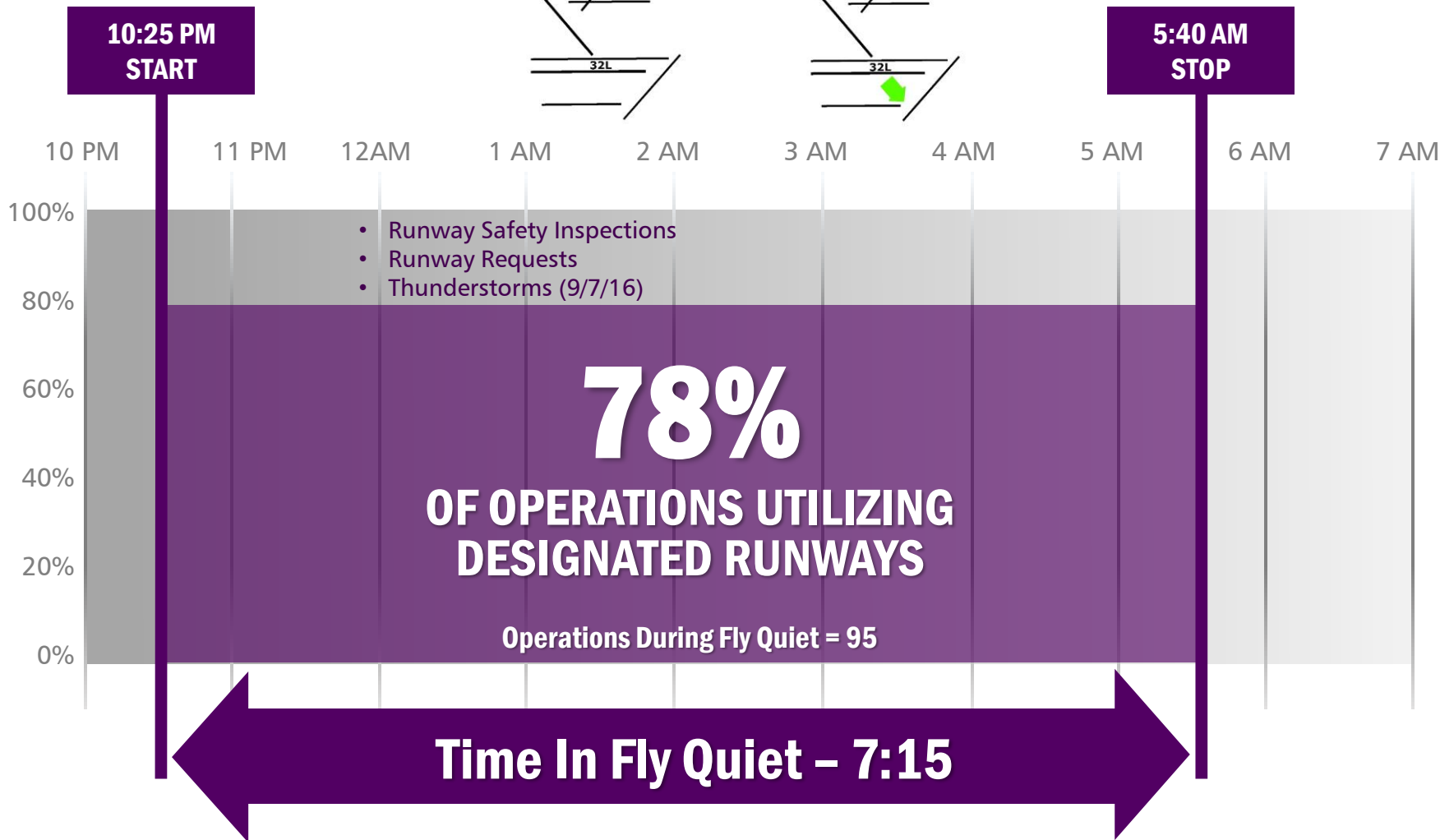
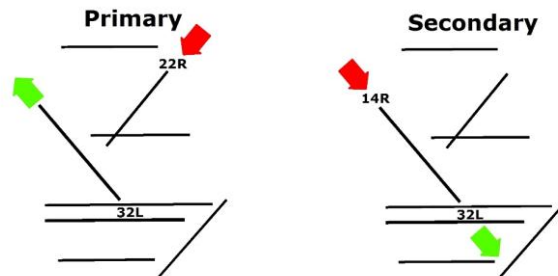


# FLY QUIET SUMMARY

## WEEK OF SEPTEMBER 4, 2016 (Week 10)



Note: Values above represent the average for time period.

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



**Week of September 4th (Week 10)**

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>
9/4/16 - 10:26 PM	9/5/16 - 05:38 AM	7:12	80%	67	9/4/16 - 10:56 PM	9/5/16 - 05:38 AM	6:00	0%	73%
9/5/16 - 10:02 PM	9/6/16 - 05:43 AM	7:41	85%	112	9/5/16 - 11:37 PM	9/6/16 - 05:43 AM	5:11	0%	38%
9/6/16 - 10:24 PM	9/7/16 - 05:32 AM	7:08	79%	96	9/6/16 - 10:43 PM	9/7/16 - 05:32 AM	6:01	85%	5%
9/7/16 - 11:40 PM	9/8/16 - 05:36 AM	5:56	66%	80	9/7/16 - 11:59 PM	9/8/16 - 05:36 AM	5:37	78%	1%
9/8/16 - 10:17 PM	9/9/16 - 05:50 AM	7:33	84%	113	9/8/16 - 10:17 PM	9/9/16 - 05:50 AM	6:07	88%	5%
9/9/16 - 10:10 PM	9/10/16 - 05:49 AM	7:39	85%	111	9/9/16 - 10:10 PM	9/10/16 - 05:49 AM	6:44	79%	7%
9/10/16 - 10:02 PM	9/11/16 - 05:38 AM	7:36	84%	83	9/10/16 - 10:20 PM	9/11/16 - 05:38 AM	6:24	83%	2%
<b>Average (Week of September 4th)</b>					<b>Average (Week of September 4th)</b>				
<b>10:25 PM</b>	<b>5:40 AM</b>	<b>7:15</b>	<b>81%</b>	<b>95</b>	<b>10:51 PM</b>	<b>5:40 AM</b>	<b>6:00</b>	<b>60%</b>	<b>17%</b>
<b>Cumulative Week 1 - 10 (July 6 - September 10)</b>					<b>Cumulative Week 1 - 10 (July 6 - September 10)</b>				
<b>10:58 PM</b>	<b>5:41 AM</b>	<b>6:42</b>	<b>74%</b>	<b>97</b>	<b>11:43 PM</b>	<b>5:32 AM</b>	<b>4:34</b>	<b>54%</b>	<b>17%</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 15 minutes per night.  
 The percentage of operations on the rotation runways in the primary or secondary configuration was 78%.

**Comments:**

- a: There were 15 requests granted for alternative runways during the rotation period.
- b: On the night of 9/7 the start of Fly Quiet was delayed and duration of the Rotation Test was limited due to weather conditions around the country.
- c: Winds were less than 5 knots 19% of the time (potential for east or west flow).
- d: Winds were greater than 5 knots and from the west 57% of the time (potential for west flow).
- e: Winds were greater than 5 knots and from the east 8% of the time (potential for east flow).
- f: Winds were greater than 5 knots and from the south 14% of the time.
- g: Winds were greater than 5 knots and from the north 0% of the time.
- h: Winds were greater than 5 knots and variable 2% of the time.