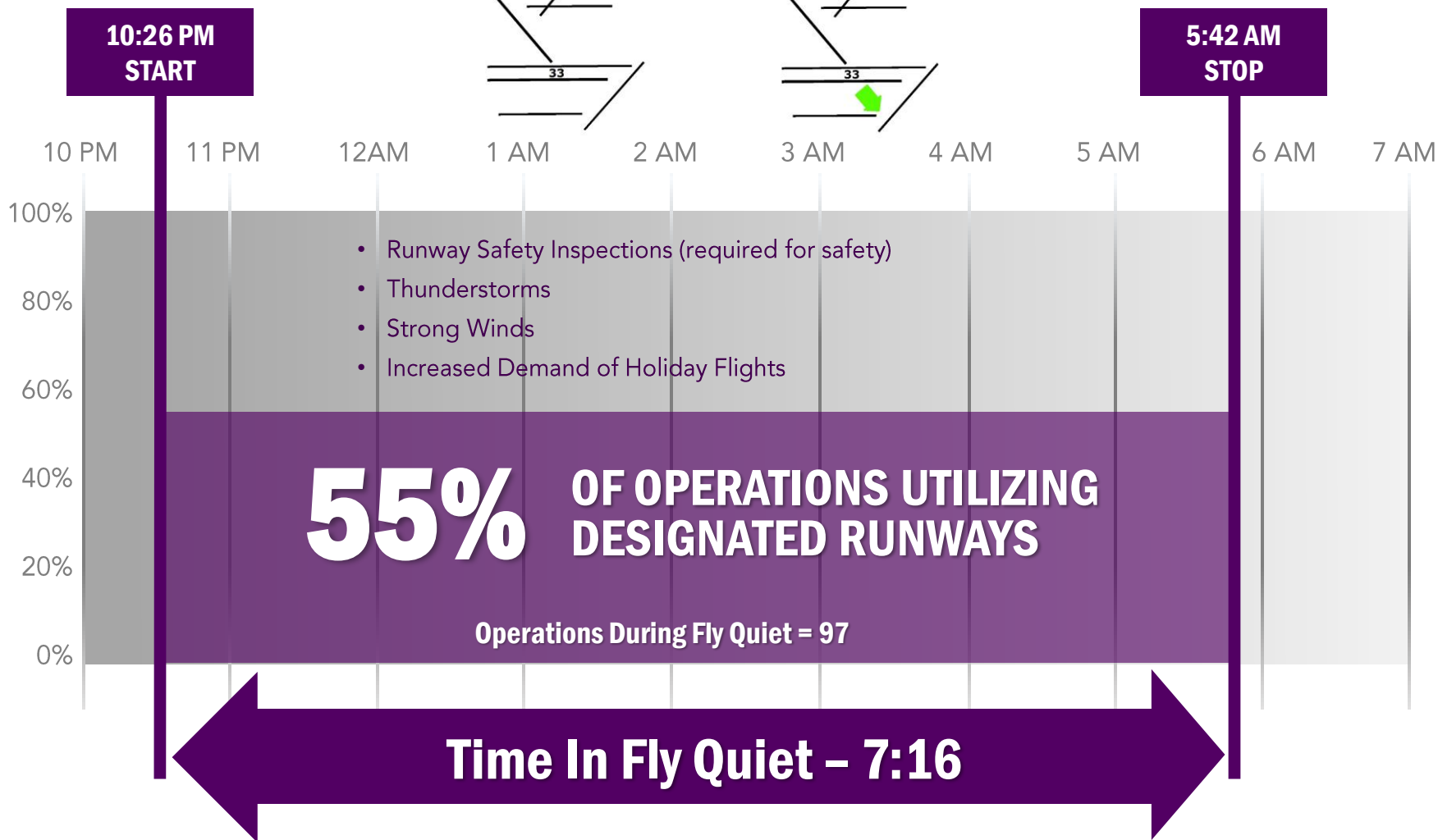
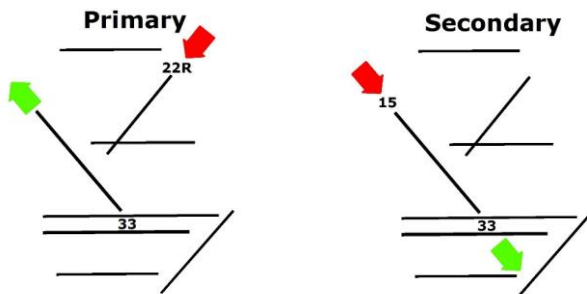


FLY QUIET SUMMARY

WEEK OF NOVEMBER 27, 2016 (Week 22)



Note: Values above represent the average for time period.

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



Week of November 27th (Week 22)

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
11/27/16 - 10:57 PM	11/28/16 - 05:36 AM	6:39	74%	132	11/28/16 - 1:54 AM	11/28/16 - 05:36 AM	3:36	0%	27%
11/28/16 - 10:42 PM	11/29/16 - 05:40 AM	6:58	77%	92	--	--	0:00	40%	0%
11/29/16 - 10:28 PM	11/30/16 - 05:34 AM	7:06	79%	94	11/29/16 - 10:28 PM	11/30/16 - 05:23 AM	5:35	85%	1%
11/30/16 - 10:15 PM	12/1/16 - 05:45 AM	7:30	83%	105	11/30/16 - 10:49 PM	12/1/16 - 05:18 AM	5:52	63%	3%
12/1/16 - 10:14 PM	12/2/16 - 05:44 AM	7:30	83%	98	12/1/16 - 10:28 PM	12/2/16 - 05:31 AM	6:14	68%	4%
12/2/16 - 10:09 PM	12/3/16 - 05:47 AM	7:38	85%	103	--	--	0:00	34%	0%
12/3/16 - 10:20 PM	12/4/16 - 05:52 AM	7:32	84%	58	12/3/16 - 10:20 PM	12/4/16 - 05:43 AM	6:20	66%	10%
Average (Week of November 27th)					Average (Week of November 27th)				
10:26 PM	5:42 AM	7:16	81%	97	11:12 PM	5:30 AM	3:56	47%	7%
Cumulative Week 1 - 22 (July 6 - December 3)					Cumulative Week 1 - 22 (July 6 - December 3)				
10:41 PM	5:41 AM	7:00	81%	96	11:18 PM	5:34 AM	4:39	48%	22%

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 16 minutes per night.
The percentage of operations on the rotation runways in the primary or secondary configuration was 55%.

Comments:

- a: There were 16 requests granted for alternative runways during the rotation period.
- b: On the nights of 11/27 the Rotation Test was restricted at times due to increased demand of holiday flights.
- c: On the nights of 11/28 the Rotation Test was restricted due to thunderstorms in the Chicago area.
- d: On the nights of 12/2 the Rotation Test was restricted due to strong winds in the Chicago area.
- e: Winds were less than 5 knots 16% of the time (potential for east or west flow).
- f: Winds were greater than 5 knots and from the west 69% of the time (potential for west flow).
- g: Winds were greater than 5 knots and from the east 2% of the time (potential for east flow).
- h: Winds were greater than 5 knots and from the south 12% 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.

