



**AUGUST 2017**



# **2015 AIRCRAFT OPERATIONS COUNTING PROGRAM**

**CROSS KEYS**

**DOYLESTOWN**

**HERITAGE FIELD**

**POTTSTOWN  
MUNICIPAL**

**WINGS FIELD**

**03-42-0125-015-2014**



*The Delaware Valley Regional Planning Commission is dedicated to uniting the region’s elected officials, planning professionals, and the public with a common vision of making a great region even greater. Shaping the way we live, work, and play, DVRPC builds consensus on improving transportation, promoting smart growth, protecting the environment, and enhancing the economy. We serve a diverse region of nine counties: Bucks, Chester, Delaware, Montgomery, and Philadelphia in*

*Pennsylvania; and Burlington, Camden, Gloucester, and Mercer in New Jersey. DVRPC is the federally designated Metropolitan Planning Organization for the Greater Philadelphia Region — leading the way to a better future.*



The symbol in our logo is adapted from the official DVRPC seal and is designed as a stylized image of the Delaware Valley. The outer ring symbolizes the region as a whole while the diagonal bar signifies the Delaware River. The two adjoining crescents represent the Commonwealth of Pennsylvania and the State of New Jersey.

DVRPC is funded by a variety of funding sources including federal grants from the U.S. Department of Transportation’s Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), the Pennsylvania and New Jersey departments of transportation, as well as by DVRPC’s state and local member governments. The authors, however, are solely responsible for the findings and conclusions herein, which may not represent the official views or policies of the funding agencies.

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**Acknowledgements:** This report is funded by the U.S. Federal Aviation Administration (FAA) under Award Number 03-42-0125-015-2014.

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## Executive Summary

The Delaware Valley Regional Planning Commission (DVRPC) has conducted aircraft operations counts at the non-towered airports in the 12-county, four-state Delaware Valley Regional Airport System Plan area (RASP) since 1986 (see Figure ES-1). In 2014, the Federal Aviation Administration (FAA) continued funding this program to include five of the 20 non-towered facilities (all general aviation airports and all reliever airports except Northeast Philadelphia are non-towered). From January 2015 to December 2015, the following airports were surveyed: Doylestown, Wings Field, Pottstown Municipal, and Heritage Field in Pennsylvania, and Cross Keys in New Jersey.

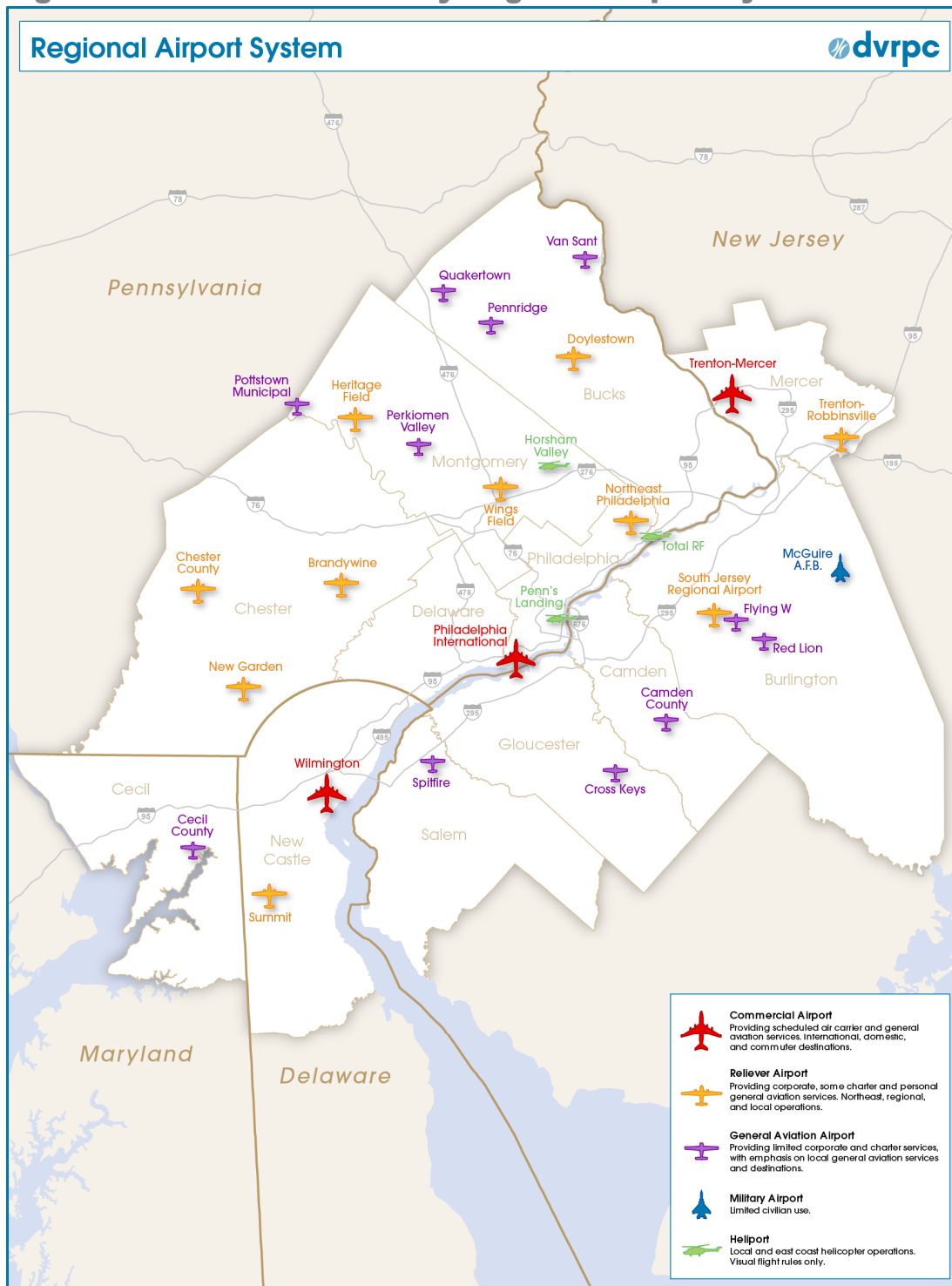
This report uses the Larson Davis Laboratories Acoustic Counter Software to monitor takeoff data at each airport for eight weeks apportioned throughout the year. This data is reviewed and compiled into Airport Activity Reports. The Airport Activity Reports are then used to project seasonal and annual takeoff and landing totals, as estimated by DVRPC counting software, for each surveyed airport during 2015.

In the 2015 counting period, there were 137,704 annual aircraft operations estimated for the five regional airports. The DVRPC report for the same five airports in the previous counting programs had 139,165 annual aircraft operations, which indicates a 1 percent decrease in total operations over the previous periods. The decrease was primarily the result of continued high aviation fuel charges, national economic conditions, and a decline in training operations for new pilots.

Historically DVRPC has counted airports in three fixed sets of airports, cycling one set each year in series. Each counting period could have an airport counted out of sequence, at the request of our sponsors, but this was a rare event and the airport selected usually went back into its normal sequence for the next count. However, with the change in the FAA only funding the counting of National Plan of Integrated Airport Systems airports, we have had to drop the counting of many of our RASP airports and reset the counting sequence for the remaining airports. This has resulted in the current count cycle having different years of historic comparison for the various airports.

Historic counting data since 1986 is available through the DVRPC Office of Freight and Aviation Planning website at [www.dvrpc.org/Aviation/AircraftTrafficCounts/](http://www.dvrpc.org/Aviation/AircraftTrafficCounts/).

**Figure ES-1: Delaware Valley Regional Airport System**



## Annual Operations Summaries

As an integral part of its ongoing aviation planning efforts, DVRPC has conducted aircraft operations counts at non-towered airports in the region since 1986. In 2014, the FAA continued funding this program to include five of 20 DVRPC RASP facilities. From January 2015 to December 2015, the following airports were surveyed: Doylestown, Wings Field, Pottstown Municipal, and Heritage Field in Pennsylvania; and Cross Keys in New Jersey.

The Annual Operations Summaries provide tabular and graphical displays of annual aircraft operations for fixed-wing aircraft, helicopters, and their combined totals (see pp. 4–6). The data is projected based on the daily flight counts collected during eight one-week sampling periods throughout the year.

The following procedure is applied to all counts during the entire program. Eight one-week counting surveys are taken over the course of one year. These counting surveys are scheduled twice each season at four- to six-week intervals for each airport. Keeping the intervals between setting and resetting of the counters at each airport as consistent as possible ensures the most accurate statistical operations estimate. At the start of each interval, a DVRPC staff member selects a location near the airport runway to base an LDL 820 Sound Level Meter. The meter is activated by set minimum noise levels only during aircraft takeoff activity. The data collected is saved to the LDL 820 memory, and the staff member retrieves the meter after each week of counts.

After equipment retrieval, the data is downloaded to the Aircraft Counting System software and then checked manually for event-related errors. The Aircraft Counting System report displays weekly aircraft takeoffs (since most propeller landings are nearly silent) by hour and day for each week counted. Finally, the data is entered into and extrapolated by DVRPC counting formulas, which estimate seasonal and annual total takeoffs and landings.

In the 2015 counting period, there were 137,704 annual aircraft operations estimated for the five regional airports. The DVRPC report for the same five airports in the previous counting programs had 139,165 annual aircraft operations, which indicates a 1 percent decrease in total operations over the previous period.

## Annual Aircraft Operations

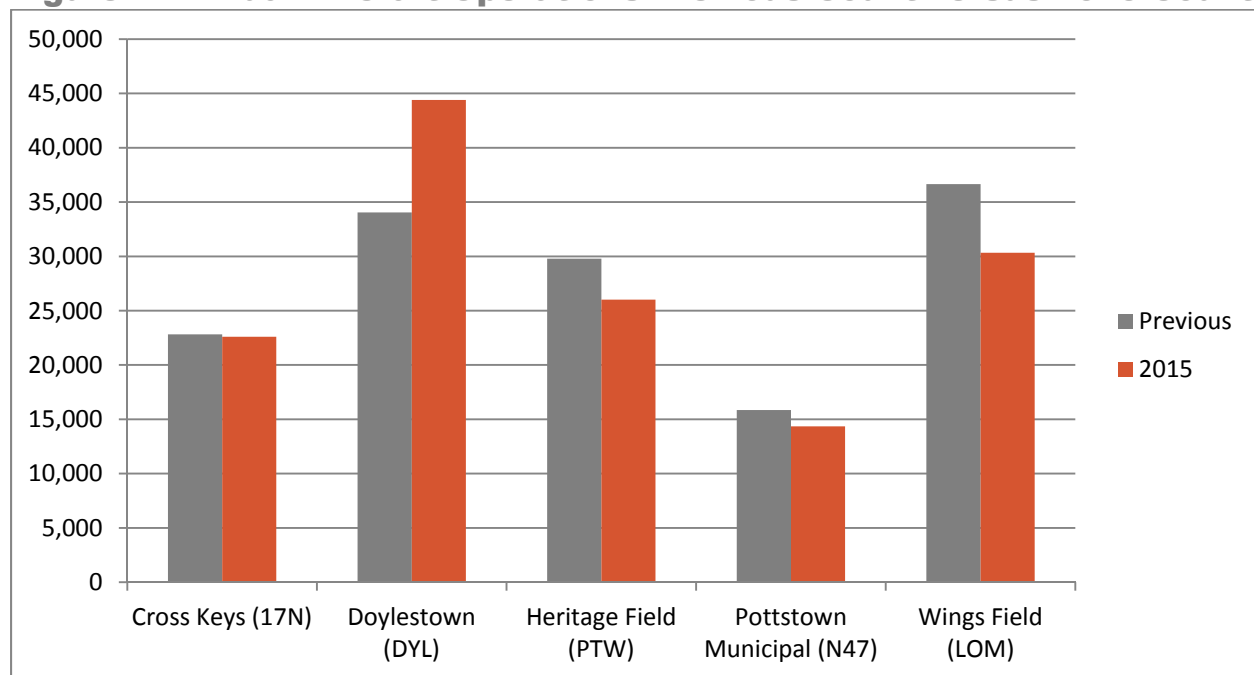
**Table 1: Annual Aircraft Operations Previous Count versus 2015 Count**

Airport	Previous Operations <sup>a</sup>	2015 Operations	Absolute Change	Percentage Change
Cross Keys (17N)	22,824	22,604	-220	-1
Doylestown (DYL)	34,046	44,404	10,358	30
Heritage Field (PTW)	29,795	26,017	-3,778	-13
Pottstown Municipal (N47)	15,848	14,348	-1,500	-9
Wings Field (LOM)	36,652	30,331	-6,321	-17
<b>Total Operations</b>	<b>139,165</b>	<b>137,704</b>	<b>-1,461</b>	<b>-1</b>

Source: DVRPC

<sup>a</sup> Previous operations period for Cross Keys is 2011/12; all other airports are 2012/13.

**Figure 1: Annual Aircraft Operations Previous Count versus 2015 Count**



Source: DVRPC



## Annual Fixed-Wing Operations

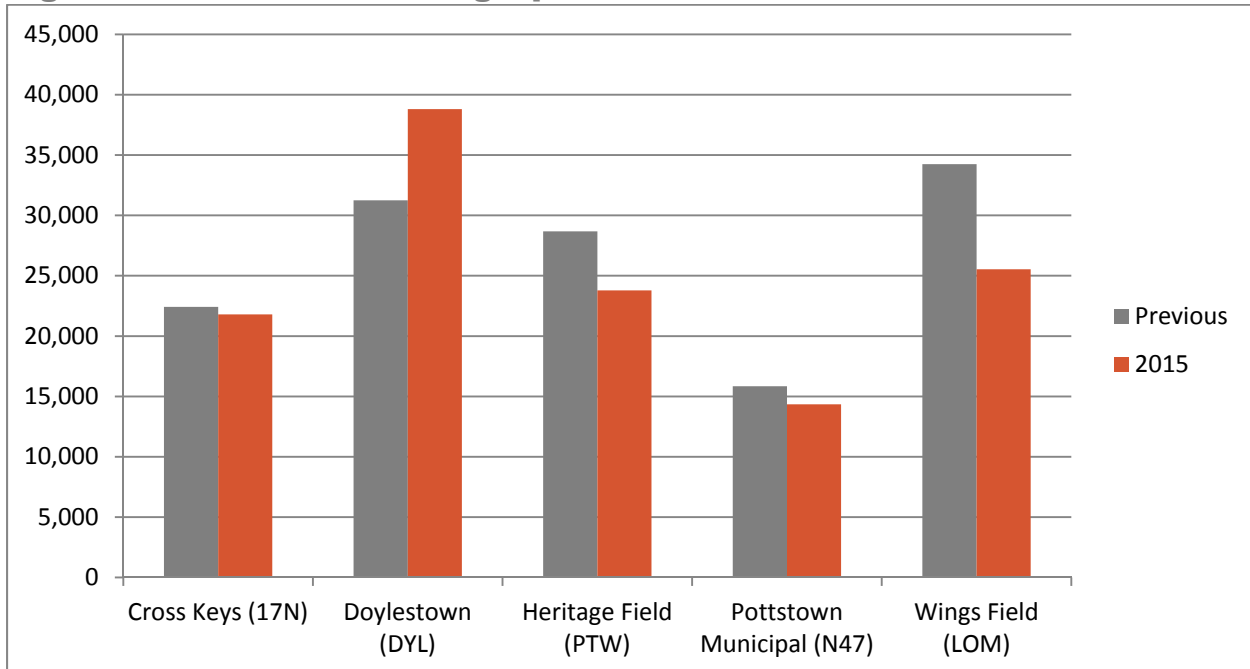
**Table 2: Annual Fixed-Wing Operations Previous Count versus 2015 Count**

Airport	Previous Operations <sup>a</sup>	2015 Operations	Absolute Change	Percentage Change
Cross Keys (17N)	22,424	21,804	-620	-3
Doylestown (DYL)	31,246	38,804	7,558	24
Heritage Field (PTW)	28,683	23,793	-4,890	-17
Pottstown Municipal (N47)	15,848	14,348	-1,500	-9
Wings Field (LOM)	34,252	25,531	-8,721	-25
Total Operations	132,453	124,280	-8,173	-6

Source: DVRPC

<sup>a</sup> Previous operations period for Cross Keys is 2011/12; all other airports are 2012/13.

**Figure 2: Annual Fixed-Wing Operations Previous Count versus 2015 Count**



Source: DVRPC

## Annual Helicopter Operations

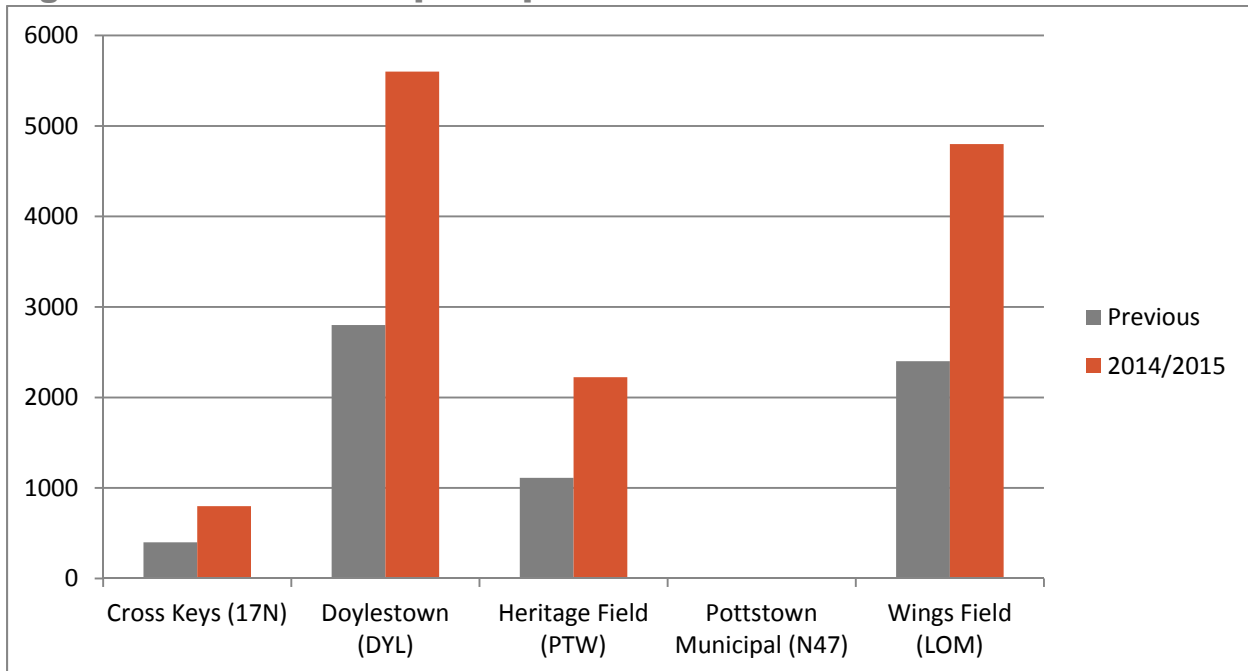
**Table 3: Annual Helicopter Operations Previous Count versus 2015 Count**

Airport	Previous Operations <sup>a</sup>	2015 Operations	Absolute Change	Percentage Change
Cross Keys (17N)	400	800	400	100
Doylestown (DYL)	2,800	5,600	2,800	100
Heritage Field (PTW)	1,112	2,224	1,112	100
Pottstown Municipal (N47)	0	0	0	-
Wings Field (LOM)	2,400	4,800	2,400	100
<b>Total Operations</b>	<b>6,712</b>	<b>13,424</b>	<b>6,712</b>	<b>100</b>

Source: DVRPC

<sup>a</sup> Previous operations period for Cross Keys is 2011/12; all other airports are 2012/13.

**Figure 3: Annual Helicopter Operations Previous Count versus 2015 Count**



Source: DVRPC

## Airport Activity Reports

This section of the report displays the weekly activity data collected during the eight-week counting surveys conducted for each of the five individual airports. Each airport summary provides a brief narrative along with an inventory of based aircraft. The based aircraft data is provided by airport management. When DVRPC has been unable to obtain this information directly from airport management, we have used data from FAA Form 5010, Airport Master Record, available on AirNav.com for the particular airport.

Airport activity summaries list estimated annual flight operations and a seasonal operations chart. Daily takeoffs collected from each airport are displayed in spreadsheet format by season, date, and time of day. All weekly activity data pages express only aircraft takeoffs and do not include the landing phase of flight due to the near silence of propeller landings. At the bottom of each weekly activity data page, subtotals of aircraft activity are also expressed as takeoffs only. In the activity summary, at the beginning of each Airport Activity Report, takeoffs are converted into estimated annual and seasonal operations, which include takeoffs and landings by the DVRPC counting software.

Helicopter data is not collected by the Acoustic Counter Software devices but is prorated from the annual estimate given by the airport operator at the completion of the counting cycle, and it is only expressed as a subtotal for each day.

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## Cross Keys Airport (17N)

**Gloucester County**

**Williamstown NJ 08094**

Runway Orientation: 09/27

Runway Length: 3,500 ft.

**Table 4: Cross Keys Airport (17N) Based Aircraft**

Based Aircraft Fleet Mix	
Single-Engine	37
Multi-Engine	4
Jet	0
Helicopter	2
Glider	0
Total	43

Source: Cross Keys Airport

Cross Keys Airport is a privately owned, public use airport located in Williamstown in Gloucester County, New Jersey. Traffic at Cross Keys Airport decreased 1 percent since the previous count in 2010/2011. A strong contributor to flight operations are the sky diving activities conducted now by Skydive Cross Keys, which recently replaced Free Fall Adventures at Cross Keys Airport. Flight training is also conducted by the Fixed Base Operator (FBO), and the airport maintains an avionics repair shop.

**Figure 4: Cross Keys Airport (17N) Aerial Photo**



Aerial Imagery: USDA Farm Service Agency NAIP, 2015



0 500 1,000  
Feet

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## DVRPC Aircraft Counting Program

Airport: Cross Keys Airport (17N)

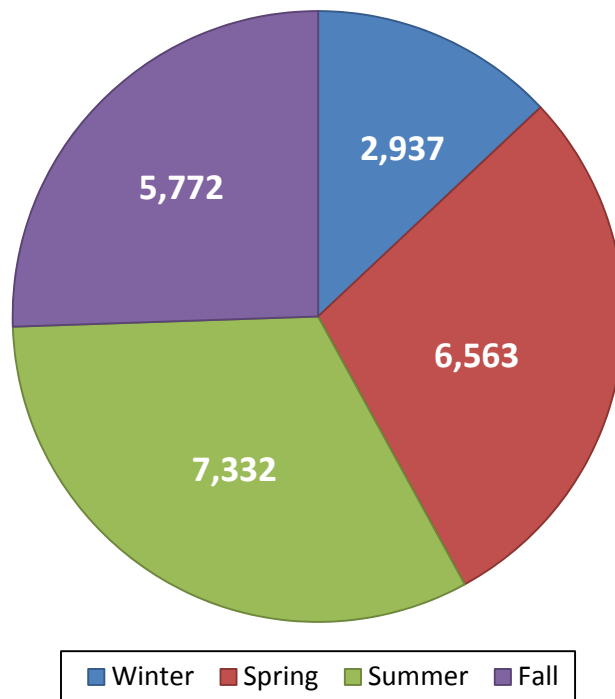
County: Gloucester

**Table 5: Cross Keys Airport (17N) Annual Summary**

Season	Year	Average Daily Operations	Total Operations	Percentage of Annual Operations
Winter	2015	33.00	2,937	13%
Spring	2015	70.57	6,563	29%
Summer	2015	78.00	7,332	32%
Fall	2015	64.86	5,772	26%
<b>Annual Operations:</b>		<b>2015</b>	<b>22,604</b>	
Margin of Error: 13 at 95 percent confidence				

Source: DVRPC

**Figure 5: Cross Keys Airport (17N) Seasonal Summary**



Weekly Activity Report  
 17N Cross Keys Airport  
 17N Winter I 2015

For: 8 January 2015–14 January 2015

Day->	Thurs 8-Jan	Fri 9-Jan	Sat 10-Jan	Sun 11-Jan	Mon 12-Jan	Tues 13-Jan	Wed 14-Jan
12 am							
1 am							
2 am							
3 am							
4 am							
5 am		1			2		
6 am					1	2	
7 am	1	2			1	1	
8 am	2	2				1	
9 am	2	3		3		2	
10 am	1	1	3	6	1	1	
11 am	2	2	1	2		1	1
12 pm	1	1	2	1	1	2	3
1 pm	1	1	3	5	3		
2 pm	2		4	1	1		1
3 pm	1		1	1		1	
4 pm	1	1		1	1	2	2
5 pm	1			1			2
6 pm	1		1		1		
7 pm	1		3			1	1
8 pm						1	
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	18	15	19	22	13	16	12
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	107						
Total Aircraft Takeoffs	115						

Source: DVRPC

Weekly Activity Report  
 17N Cross Keys Airport  
 17N Winter II 2015

For: 12 February 2015–18 February 2015

Day->	Thurs 12-Feb	Fri 13-Feb	Sat 14-Feb	Sun 15-Feb	Mon 16-Feb	Tues 17-Feb	Wed 18-Feb
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am						1	
7 am	1		2				
8 am	1	1	2	1		3	1
9 am	2	1	1	3		1	1
10 am	1	1	1	2	1		
11 am	1	2	1	1	1	1	
12 pm	3			1	2	2	7
1 pm	1	1	1	1		2	6
2 pm		1	1		3	1	3
3 pm	1	1			3		3
4 pm		2	1	1	1	1	
5 pm		1	2	3		1	2
6 pm	2	1		2			
7 pm		2	2	1			
8 pm		1	2	1			
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	14	16	17	18	12	14	25
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	108						
Total Aircraft Takeoffs	116						

Source: DVRPC



Weekly Activity Report  
 17N Cross Keys Airport  
 17N Spring I 2015

For: 14 May 2015–20 May 2015

Day->	Thurs 14-May	Fri 15-May	Sat 16-May	Sun 17-May	Mon 18-May	Tues 19-May	Wed 20-May
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am	2	1					
8 am	1		1	5			
9 am		4	6	10	1		
10 am	2	2	3	8	4	3	1
11 am	2		5	4	5	4	1
12 pm	7	2	5	6	5	3	
1 pm	2	3	8	6	3	5	1
2 pm	5	4	3	2	3	3	
3 pm		7	3	3	5	2	4
4 pm	2	3	4	5	4	8	3
5 pm	7	3	5	4	3		1
6 pm	2	8	3	4	1	6	1
7 pm	1	2	2			1	1
8 pm			2				
9 pm							
10 pm		1					
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	34	41	51	58	35	36	15
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	262						
Total Aircraft Takeoffs	270						

Source: DVRPC

Weekly Activity Report  
 17N Cross Keys Airport  
 17N Spring II 2015

For: 04 June 2015–10 June 2015

Day->	Tues 16-Jun	Wed 17-Jun	Thurs 18-Jun	Fri 19-Jun	Sat 20-Jun	Sun 21-Jun	Mon 22-Jun
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am	1	1	1			1	
8 am	1	10	3			3	2
9 am	3	3	3		3	4	1
10 am	2	1	5	2	6	5	2
11 am	3	2	4	2	7	2	3
12 pm	2	1	3	3	1	7	2
1 pm	2	6	3	2	6	3	2
2 pm		3	2	2	3	2	3
3 pm		1	1	3	10	2	1
4 pm			1	1	4	3	1
5 pm		1	4	2	3	2	
6 pm	3	3	2	9	2	1	2
7 pm				4			
8 pm			1		1		
9 pm		4					
10 pm							
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	18	37	34	31	47	36	21
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	216						
Total Aircraft Takeoffs	224						

Source: DVRPC

Weekly Activity Report  
 17N Cross Keys Airport  
 17N Summer I 2015

For: 22 July 2015–30 July 2015

Day->	Wed 22-Jul	Thurs 23-Jul	Fri 24-Jul	Sat 25-Jul	Sun 26-Jul	Mon 27-Jul	Tues 28-Jul
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am	2	3		1		1	
8 am	1	1	4	2	3	3	
9 am	4	7	3	7	1	3	
10 am	5	3	2	6	4	3	
11 am	1	2	4	3	8	1	3
12 pm	3	1		7	8	5	2
1 pm	4	2	5	12	9	3	2
2 pm	14	10	3	7	8	1	1
3 pm	1	3	3	15	8	3	3
4 pm	3	2	2	11	4	2	2
5 pm	2	1	4	9	2	1	1
6 pm		2	2	8		1	2
7 pm			2	7	1	1	
8 pm				4	1		
9 pm				1			
10 pm							
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	41	38	35	101	58	29	18
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	312						
Total Aircraft Takeoffs	320						

Source: DVRPC

Weekly Activity Report  
 17N Cross Keys Airport  
 17N Summer II 2015

For: 10 September 2015–16 September 2015

Day->	Thurs 10-Sep	Fri 11-Sep	Sat 12-Sep	Sun 13-Sep	Mon 14-Sep	Tues 15-Sep	Wed 16-Sep
12 am							
1 am							
2 am		1					
3 am							
4 am							
5 am							
6 am							
7 am	1			1		4	1
8 am			1			3	
9 am	2			1		4	5
10 am	4	1	5	6	1	4	4
11 am	5	1	12	7	2	6	5
12 pm	3		7	7	2	2	4
1 pm	5	1	5	2	1	2	4
2 pm	2	2		1	1	2	3
3 pm	3	5	2	2	4	3	3
4 pm	1	6	1	2		4	1
5 pm	3	2	1	5	1	1	5
6 pm		2	1	8		3	1
7 pm	1	2		1			1
8 pm							
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	31	24	36	44	13	39	39
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	218						
Total Aircraft Takeoffs	226						

Source: DVRPC

Weekly Activity Report  
 17N Cross Keys Airport  
 17N Fall I 2015

For: 25 October 2015–31 October 2015

Day->	Sun 25-Oct	Mon 26-Oct	Tues 27-Oct	Wed 28-Oct	Thurs 29-Oct	Fri 30-Oct	Sat 31-Oct
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am	1						1
8 am	3	1	4	1			
9 am	4		3	3	1	2	1
10 am	5	1	1	1	1	2	6
11 am	3	1		1	2	2	11
12 pm	5	3	1	1	1	2	10
1 pm	7	2		1	1		10
2 pm	2	1		1	1	3	12
3 pm	2	2		3	1	3	6
4 pm	7	2		5	2	4	8
5 pm	4	1	5	3	1	5	8
6 pm	5		5	2	1	3	4
7 pm	3	1		1	3	1	
8 pm	1		2		6		
9 pm	1	1			1		
10 pm							2
11 pm							
Prorated Daily Helio Activity	1	1	1	1	1	1	2
Total Daily Aircraft Takeoffs	54	17	22	24	23	28	81
Prorated Total Helio Activity	8						
Total Fixed-Wing Activity	241						
Total Aircraft Takeoffs	249						

Source: DVRPC

For: 15 December 2015–21 December 2015

Weekly Activity Report  
 17N Cross Keys Airport  
 17N Fall II 2015

Day->	Thurs 10-Dec	Fri 11-Dec	Sat 12-Dec	Sun 13-Dec	Mon 14-Dec	Tues 15-Dec
12 am						
1 am						
2 am						
3 am						
4 am						
5 am						
6 am						
7 am					2	1
8 am						1
9 am	3	1		1	1	3
10 am	2	3	7	1	3	1
11 am	2		8	5	3	3
12 pm		2	8	10	1	2
1 pm	1	2	8	8	1	1
2 pm	1	2	10	6		
3 pm	11	3	9	8	1	2
4 pm	1		4	3	2	1
5 pm		2		1	2	
6 pm						1
7 pm					1	
8 pm						
9 pm			1			
10 pm						
11 pm						
Prorated Daily Helio Activity	1	1	1	1	1	1
Total Daily Aircraft Takeoffs	22	16	56	44	18	17
Prorated Total Helio Activity	8					
Total Fixed-Wing Activity	197					
Total Aircraft Takeoffs	205					

Source: DVRPC

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## Doylestown Airport (DYL)

**Bucks County**

**Doylestown, PA 18901**

Runway Orientation: 05/23

Runway Length: 3,004 ft.

**Table 6: Doylestown Airport (DYL) Based Aircraft**

Based Aircraft Fleet Mix	
Single-Engine	159
Multi-Engine	13
Jet	0
Helicopter	3
Glider	0
Total	175

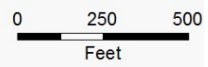
Source: Doylestown Airport

Doylestown Airport is a public use airport owned by the Bucks County Airport Authority. Overall flight operations increased 17 percent for this counting period from the previous period. The increase in flight operations is attributed to an increase in flight training, airport-based aircraft, and the active charter operation run by the FBO (Leading Edge Aviation).

**Figure 6: Doylestown Airport (DYL) Aerial Photo**



Aerial Imagery: USDA Farm Service Agency NAIP, 2015





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## DVRPC Aircraft Counting Program

Airport: Doylestown Airport (DYL)

County: Bucks

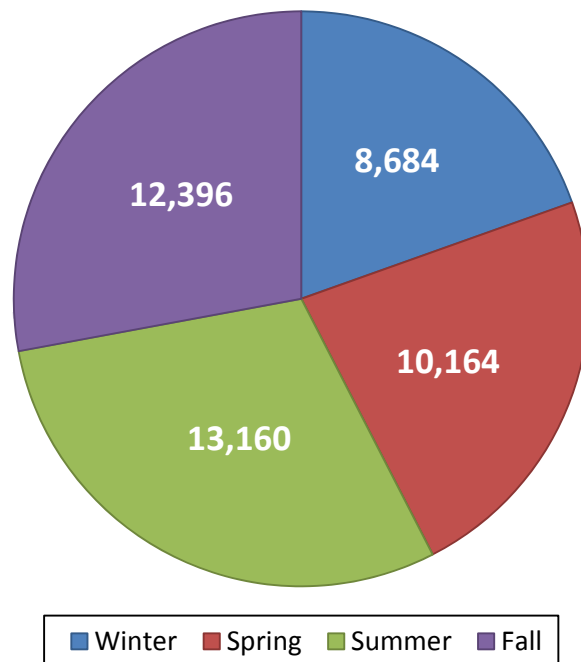
**Table 7: Doylestown Airport (DYL) Annual Summary**

Season	Year	Average Daily Operations	Total Operations	Percentage of Annual Operations
Winter	2015	97.57	8,684	20%
Spring	2015	109.29	10,164	23%
Summer	2015	140.00	13,160	30%
Fall	2015	139.29	12,396	28%
<b>Annual Operations:</b>			<b>2015</b>	<b>44,404</b>

Margin of Error: 11 at 95 percent confidence

Source: DVRPC

**Figure 7: Doylestown Airport (DYL) Seasonal Summary**



Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Winter I 2015

For: 17 January 2015–23 January 015

Day->	Sat 17-Jan	Sun 18-Jan	Mon 19-Jan	Tues 20-Jan	Wed 21-Jan	Thurs 22-Jan	Fri 23-Jan
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am	1	1					
7 am	2	3		1	1	6	
8 am	4	3			2	3	4
9 am	9	5		4		3	3
10 am	12	8		4	2	1	7
11 am	12	8	2	5	1		6
12 pm	9	6	1	6	1	3	7
1 pm	10	5	2	9	2	2	5
2 pm	8	5	1	2	1	6	8
3 pm	8	5	1	2	3	3	10
4 pm	5	7	2		5	2	7
5 pm	4	1	3		3	8	4
6 pm	3	1	6		3		
7 pm			1		3	1	
8 pm					1		
9 pm							
10 pm							
11 pm			1				
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	95	66	28	41	36	45	68
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	325						
Total Aircraft Takeoffs	379						

Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Winter II 2015

For: 07 March 2015–13 March 2015

Day->	Sat 7-Mar	Sun 8-Mar	Mon 9-Mar	Tues 10-Mar	Wed 11-Mar	Thurs 12-Mar	Fri 13-Mar
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							1
6 am	1	1	1		1	1	
7 am	2	2	1	4	3	1	
8 am	5	3	3	4	3	1	4
9 am	6	5	3	4	1	3	4
10 am	13	7	5	3	2	3	2
11 am	4	6	2	2	2	2	5
12 pm	3	4	3		2	1	3
1 pm	3	5	1	2	3	1	3
2 pm	2	7	2	2	5	2	2
3 pm	1	1	4	1	4	1	3
4 pm	1	1	3	1	1	2	1
5 pm	6	2	5	3	4	3	3
6 pm		3		1	1	2	1
7 pm	2	1			1		
8 pm	4	1					
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	61	57	41	35	41	30	39
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	250						
Total Aircraft Takeoffs	304						

Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Spring I 2015

for: 25 April 2015–01 May 2015

Day->	Sat 25-Apr	Sun 26-Apr	Mon 27-Apr	Tues 28-Apr	Wed 29-Apr	Thurs 30-Apr	Fri 1-May
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am						1	
7 am	2	1			4	1	3
8 am	3	4	5	1	7	2	10
9 am	3	7	1	2	4	3	9
10 am	11	13	7		3	3	3
11 am	10	24	8	1	5	1	6
12 pm	10	10	2	2	2	2	7
1 pm	3	10	3		3		6
2 pm	4	13	1	1	1	1	3
3 pm	3	11			5	2	2
4 pm	5	12			1		3
5 pm	2	6	1	3	3	4	4
6 pm	1	9		1	4		4
7 pm	8	1		2	6		2
8 pm	2						1
9 pm				1			
10 pm				2	1		
11 pm							
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	75	129	36	24	57	27	70
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	364						
Total Aircraft Takeoffs	418						

Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Spring II 2015

For: 04 June 2015–10 June 2015

Day->	Thurs 4-Jun	Fri 5-Jun	Sat 6-Jun	Sun 7-Jun	Mon 8-Jun	Tues 9-Jun	Wed 10-Jun
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am	1	1	1	1	1		
7 am	2	2	3	6		1	3
8 am	3	2	3	10	3		5
9 am	3	1	9	10	2	1	9
10 am	2	1	4	4	1	1	5
11 am			6	11	1		4
12 pm	6	1	5	6		1	7
1 pm	4	4	2	7	4		4
2 pm	2	1	1	5		5	5
3 pm	2		2	3	1	1	4
4 pm	1	1	9	4	1		5
5 pm	1	3	4	2	2	1	3
6 pm	5	5	5	5			3
7 pm	4	3	3	1	2		2
8 pm	1	1	1		1	3	
9 pm		1		3			1
10 pm							
11 pm							
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	45	35	66	86	27	21	67
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	293						
Total Aircraft Takeoffs	347						

Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Summer I 2015

For: 10 July 2015–16 July 2015

Day->	Fri 10-Jul	Sat 11-Jul	Sun 12-Jul	Mon 13-Jul	Tues 14-Jul	Wed 15-Jul	Thurs 16-Jul
12 am							
1 am							
2 am							
3 am							
4 am							
5 am						1	
6 am			1	1	1		
7 am	2	4	1	4	3	1	3
8 am	6	13	9	4	3	1	7
9 am	7	10	3	11	1	1	11
10 am	12	11	14	17	3	4	11
11 am	7	7	11	5	3	3	5
12 pm	15	7	8	4	2	1	3
1 pm	12	8	6	6	2		7
2 pm	2	10	12	1	1	1	5
3 pm	6	7	5	4	1	2	7
4 pm	5	3	3		1	1	6
5 pm	1	6	1	3	3		
6 pm	2	6	2		1	1	4
7 pm	4	3	1	2	2	3	1
8 pm	3		4	1		3	1
9 pm	5	1			1	1	
10 pm	3						
11 pm		1					
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	100	105	89	71	36	31	78
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	456						
Total Aircraft Takeoffs	510						

Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Summer II 2015

For 13 September 2015–19 September 2015

Day->	Sun 13-Sep	Mon 14-Sep	Tues 15-Sep	Wed 16-Sep	Thurs 17-Sep	Fri 18-Sep	Sat 19-Sep
12 am						1	
1 am							
2 am							
3 am							
4 am							
5 am							
6 am					1		
7 am				1	1	3	
8 am	4	4	4	4	2	10	3
9 am	11	1	3	4	4	13	5
10 am	5	2	6	2	2	7	3
11 am	1	1	11	7	2	2	7
12 pm	10	3	2	7	1	8	8
1 pm	8	5	2	3	4	11	10
2 pm	1	4	6	2	3	9	8
3 pm	1	1	6	2	3	7	4
4 pm	4	1	4	3	2	6	8
5 pm	8	3	3	3	5	2	12
6 pm	1	5	9	4	3	10	7
7 pm	2	3	2	1	8	7	2
8 pm		1	4		4		
9 pm			1	1			
10 pm		1					
11 pm							
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	64	43	71	52	53	103	84
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	416						
Total Aircraft Takeoffs	470						

Source: DVRPC

Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Fall I 2015

For: 29 October 2015–04 November 2015

Day->	Thurs 29-Oct	Fri 30-Oct	Sat 31-Oct	Sun 1-Nov	Mon 2-Nov	Tues 3-Nov	Wed 4-Nov
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am		3					
7 am			2			2	
8 am		6	9	1	1		
9 am	6	9	25	2	3	1	3
10 am	1	3	8	10	3	2	9
11 am	1	2	12	7	5	8	4
12 pm	1	3	8	5	5	9	8
1 pm	1	3	12	2	2	1	6
2 pm	3	3	6	4	6	7	2
3 pm	2	1	5	8	1	3	6
4 pm	2	6	18	10	5	6	3
5 pm	4	4	12	7	2	8	4
6 pm	3	7	4	6	10	4	2
7 pm	2	2		1	2	1	3
8 pm	1						5
9 pm							2
10 pm						1	1
11 pm							
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	35	60	129	71	53	60	65
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	419						
Total Aircraft Takeoffs	473						

Source: DVRPC



Weekly Activity Report  
 DYL Doylestown Airport  
 DYL Fall II 2015

For: 06 December 2015–12 December 2015

Day->	Sun 6-Dec	Mon 7-Dec	Tues 8-Dec	Wed 9-Dec	Thurs 10-Dec	Fri 11-Dec	Sat 12-Dec
12 am		1					
1 am							
2 am							
3 am							
4 am							
5 am							
6 am			1				
7 am	1		4	1			2
8 am	9	1	1	1	2	10	6
9 am	9	1	3	5	1	14	9
10 am	11	7	2		2	3	3
11 am	12	2	1	2	2	13	13
12 pm	14	7	2	8	6	5	10
1 pm	13	2	7	5	2	13	15
2 pm	14	10	5	7	6	9	13
3 pm	13	8		5	2	4	7
4 pm	7	8	9	1	3	5	9
5 pm	5	3	1	3	2	1	5
6 pm				8	4		
7 pm		1		1	1	2	
8 pm				1		1	
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity	8	8	8	8	8	7	7
Total Daily Aircraft Takeoffs	116	59	44	56	41	87	99
Prorated Total Helio Activity	54						
Total Fixed-Wing Activity	448						
Total Aircraft Takeoffs	502						

Source: DVRPC

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## Heritage Field Airport (PTW)

**Montgomery County**

**Limerick, PA 19464**

Runway Orientation: 10/28

Runway Length: 3,371 ft.

**Table 8: Heritage Field Airport (PTW) Based Aircraft**

Based Aircraft Fleet Mix	
Single-Engine	97
Multi-Engine	8
Jet	1
Helicopter	1
Glider	1
Total	108

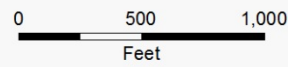
Source: AirNav.com

Heritage Field Airport is a privately-owned, public use airport located near Limerick in Montgomery County, Pennsylvania. Flight operations decreased by 21 percent for this counting period compared to the previous counting period. The flight operation losses are attributed to the loss of based aircraft (-8) since 2010.

**Figure 8: Heritage Field Airport (PTW) Aerial Photo**



Aerial Imagery: USDA Farm Service Agency NAIP, 2015



## DVRPC Aircraft Counting Program

Airport: Heritage Field Airport (PTW)

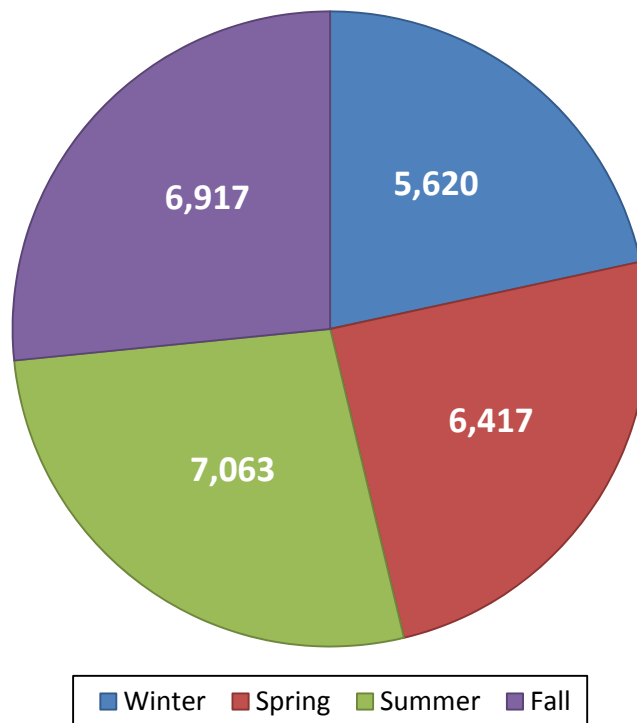
County: Montgomery

**Table 9: Heritage Field Airport (PTW) Annual Summary**

Season	Year	Average Daily Operations	Total Operations	Percentage of Annual Operations
Winter	2015	63.14	5,620	22%
Spring	2015	69.00	6,417	25%
Summer	2015	75.14	7,063	27%
Fall	2015	77.71	6,917	27%
<b>Annual Operations:</b>		<b>2015</b>	<b>26,017</b>	
Margin of Error: 9 at 95 percent confidence				

Source: DVRPC

**Figure 9: Heritage Field Airport (PTW) Seasonal Summary**



Source: DVRPC

Weekly Activity Report  
 PTW Heritage Field  
 PTW Winter I 2015

For: 17 January 2015–23 January 2015

Day->	Sat 17-Jan	Sun 18-Jan	Mon 19-Jan	Tues 20-Jan	Wed 21-Jan	Thurs 22-Jan	Fri 23-Jan
12 am							
1 am	2			2			1
2 am				1			1
3 am	2			2			1
4 am							
5 am						1	
6 am		1			1	4	1
7 am	1	3	1	1	1		
8 am	6	2		1		8	
9 am	2	5	1	4		3	
10 am	5	2		7		3	3
11 am	3	5	3	2	1	5	2
12 pm	9	7		1		1	2
1 pm	12	3		2	2	2	2
2 pm	8	3	2			1	2
3 pm	4	4	2	1			2
4 pm	4	2				1	2
5 pm	1	1					
6 pm		1		1	2		1
7 pm					12		
8 pm				1	3		
9 pm					1		
10 pm							
11 pm							
Prorated Daily Helio Activity	2	2	1	1	1	1	1
Total Daily Aircraft Takeoffs	61	41	10	27	24	30	21
Prorated Total Helio Activity	9						
Total Fixed-Wing Activity	205						
Total Aircraft Takeoffs	214						

Source: DVRPC

Weekly Activity Report  
 PTW Heritage Field  
 PTW Winter II 2015

For: 26 February 2015–04 March 2015

Day->	Thurs 26-Feb	Fri 27-Feb	Sat 28-Feb	Sun 1-Mar	Mon 2-Mar	Tues 3-Mar	Wed 4-Mar
12 am							
1 am		2		1		1	
2 am	2	1	3				
3 am	1	1	1			2	
4 am	1						
5 am		1					
6 am	1				1	3	3
7 am	1			1	2	1	4
8 am			1	3		1	5
9 am	2		7	2	3	2	5
10 am	1	1	1	5	3	2	3
11 am	3	5	2	4	1	1	3
12 pm	2		2	2	3	3	1
1 pm	1	7	5	4	2	3	1
2 pm	3	7	12	5	1	1	
3 pm		1	4	5	2	1	
4 pm	4	3	6	3	2	1	
5 pm		3	4	3			
6 pm	1		3	1			1
7 pm	1						
8 pm				1	1		
9 pm			1				
10 pm			1				
11 pm	1						
Prorated Daily Helio Activity	2	2	1	1	1	1	1
Total Daily Aircraft Takeoffs	27	34	54	41	22	23	27
Prorated Total Helio Activity	9						
Total Fixed-Wing Activity	219						
Total Aircraft Takeoffs	228						

Source: DVRPC

Weekly Activity Report  
 PTW Heritage Field  
 PTW Spring I 2015

for: 28 April 2015–04 May 2015

Day->	Tues 28-Apr	Wed 29-Apr	Thur 30-Apr	Fri 1-May	Sat 2-May	Sun 3-May	Mon 4-May
12 am							
1 am	1			1			
2 am	1	1	1		1		
3 am	1	1	2				
4 am							
5 am							
6 am						1	1
7 am	2		1	2	2		1
8 am	1	1		1	3	2	1
9 am	3	1	1	3	3	7	2
10 am	3	2	1	1	4	3	3
11 am	2	7	1	3	3	2	4
12 pm	1		3	2	3		1
1 pm	2		1		3	8	1
2 pm	2	1	1	3	3		1
3 pm	3	5	2	1		2	1
4 pm	1	2		2	1	3	2
5 pm	1	1		2		3	1
6 pm	1	2	4	1	3	3	3
7 pm		3			1	7	1
8 pm	1	1					3
9 pm		1			1		2
10 pm						1	
11 pm							
Prorated Daily Helio Activity	3	3	3	3	4	4	3
Total Daily Aircraft Takeoffs	29	32	21	25	35	46	31
Prorated Total Helio Activity	23						
Total Fixed-Wing Activity	196						
Total Aircraft Takeoffs	219						

Source: DVRPC

Weekly Activity Report For: 4 June 2015–10 June 2015  
 PTW Heritage Field  
 PTW Spring II 2015

Day->	Thurs 4-Jun	Fri 5-Jun	Sat 6-Jun	Sun 7-Jun	Mon 8-Jun	Tues 9-Jun	Wed 10-Jun
12 am							
1 am	1						
2 am	1	1	2				1
3 am	1	2	1			2	1
4 am							
5 am							
6 am					1		
7 am	1			1			
8 am		1	2	4	1	1	
9 am	1		2	3	2		14
10 am	5	1	7	3	3	1	9
11 am	2		5	5			14
12 pm	3	1	5	2		1	4
1 pm	1	2		3	1	4	2
2 pm		4	1	1	1	9	2
3 pm	1	7	4	2	5	1	1
4 pm		4		1	1		2
5 pm		6	6	8	1		2
6 pm		1		1	1	1	5
7 pm	3		1		1		8
8 pm	3				1	3	5
9 pm				1			3
10 pm				2			
11 pm							
Prorated Daily Helio Activity	3	3	3	3	4	4	3
Total Daily Aircraft Takeoffs	26	33	39	40	23	27	76
Prorated Total Helio Activity	23						
Total Fixed-Wing Activity	241						
Total Aircraft Takeoffs	264						

Source: DVRPC



Weekly Activity Report  
 PTW Heritage Field  
 PTW Summer I 2015

For: 10 July 2015–16 July 2015

Day->	Fri 10-Jul	Sat 11-Jul	Sun 12-Jul	Mon 13-Jul	Tues 14-Jul	Wed 15-Jul	Thurs 16-Jul
12 am							
1 am							
2 am	1	1			1	1	
3 am	2	2			2		
4 am							
5 am							
6 am		1	2	2	1	1	
7 am	1	3	2	1		3	2
8 am	3	7	3		3	1	2
9 am		4	2	1	2	2	5
10 am	1	3	8	2	1	1	
11 am	1	7	8	1	1	2	2
12 pm		2	1	3	4	3	
1 pm	2	2	1	3	3	3	1
2 pm	2	4	3	1	3	3	
3 pm	2	4	2	1	1	1	3
4 pm	2		3	1	2	3	
5 pm	4	3	1	1	1	3	1
6 pm	3	2	3	2	1	2	2
7 pm	6	5	1	3			1
8 pm	4	1	2	2			
9 pm	1		1	1	1		
10 pm	2	2					
11 pm	1						
Prorated Daily Helio Activity	5	5	5	4	4	4	4
Total Daily Aircraft Takeoffs	43	58	48	29	31	33	23
Prorated Total Helio Activity	31						
Total Fixed-Wing Activity	234						
Total Aircraft Takeoffs	265						

Source: DVRPC

Weekly Activity Report  
 PTW Heritage Field  
 PTW Summer II 2015

For 14 September 2015–20 September 2015

Day->	Mon 14-Sep	Tues 15-Sep	Wed 16-Sep	Thurs 17-Sep	Fri 18-Sep	Sat 19-Sep	Sun 20-Sep
12 am					1		
1 am						1	
2 am			1	1	1		
3 am		2	2	1	1	1	
4 am							
5 am					1		
6 am							
7 am	2		1		1	1	1
8 am	1	1	1		1		2
9 am	3	3	5	6	3	1	3
10 am	1	2	2	1		3	4
11 am	3	2	16		1	6	3
12 pm	2	1	2	5	1	5	2
1 pm	2	1	2		2	7	4
2 pm	2	3			2	3	5
3 pm	1	2		2	2	1	3
4 pm		3	1	2	6	2	3
5 pm		1	3	1	5	2	2
6 pm		1	5	3	4	1	3
7 pm	4	1	1	5		1	1
8 pm	6	3	1		1		1
9 pm		1			1		
10 pm							
11 pm							
Prorated Daily Helio Activity	5	5	5	4	4	4	4
Total Daily Aircraft Takeoffs	32	32	48	31	38	39	41
Prorated Total Helio Activity	31						
Total Fixed-Wing Activity	230						
Total Aircraft Takeoffs	261						

Source: DVRPC

Weekly Activity Report  
 PTW Heritage Field  
 PTW Fall I 2015

For: 6 October 2015–12 October 2015

Day->	Tues 6-Oct	Wed 7-Oct	Thurs 8-Oct	Fri 9-Oct	Sat 10-Oct	Sun 11-Oct	Mon 12-Oct
12 am							
1 am				1	1		
2 am		1	2				
3 am		2		1	2		
4 am							
5 am					1		
6 am					1		
7 am	1	1	2				
8 am	3	3			2	3	1
9 am	3	4		9	3		
10 am	3	1	11	7	1	6	3
11 am	1	3	7	8	3	1	5
12 pm	2	6	13	7	6	2	1
1 pm	2	5	6		4	1	1
2 pm	9	3	5		1	2	3
3 pm	3		3		2	3	
4 pm	3	1	3	3	3	2	3
5 pm	2	2	2		2	3	1
6 pm	5	1	4			1	
7 pm	3						1
8 pm	3	1				1	
9 pm	1	1					
10 pm							
11 pm							
Prorated Daily Helio Activity	3	3	3	3	4	4	3
Total Daily Aircraft Takeoffs	47	38	61	39	36	29	22
Prorated Total Helio Activity	23						
Total Fixed-Wing Activity	249						
Total Aircraft Takeoffs	272						

Source: DVRPC

Weekly Activity Report  
 PTW Heritage Field  
 PTW Fall II 2015

For: 6 October 2015–12 October 2015

Day->	Tues 6-Oct	Wed 7-Oct	Thurs 8-Oct	Fri 9-Oct	Sat 10-Oct	Sun 11-Oct	Mon 12-Oct
12 am							
1 am				1	1		
2 am		1	2				
3 am		2		1	2		
4 am							
5 am					1		
6 am					1		
7 am	1	1	2				
8 am	3	3			2	3	1
9 am	3	4		9	3		
10 am	3	1	11	7	1	6	3
11 am	1	3	7	8	3	1	5
12 pm	2	6	13	7	6	2	1
1 pm	2	5	6		4	1	1
2 pm	9	3	5		1	2	3
3 pm	3		3		2	3	
4 pm	3	1	3	3	3	2	3
5 pm	2	2	2		2	3	1
6 pm	5	1	4			1	
7 pm	3						1
8 pm	3	1				1	
9 pm	1	1					
10 pm							
11 pm							
Prorated Daily Helio Activity	3	3	3	3	4	4	3
Total Daily Aircraft Takeoffs	47	38	61	39	36	29	22
Prorated Total Helio Activity	23						
Total Fixed-Wing Activity	249						
Total Aircraft Takeoffs	272						

Source: DVRPC

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## Pottstown Municipal Airport (N47)

**Montgomery County**

**Pottstown, PA 19464**

Runway Orientation: 08/26

Runway Length: 2,704 ft.

**Table 10: Pottstown Municipal Airport (N47) Based Aircraft**

Based Aircraft Fleet Mix	
Single-Engine	44
Multi-Engine	1
Jet	0
Helicopter	0
Glider	0
Total	45

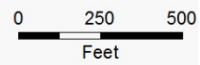
Source: AirNav.com

Municipally owned, Pottstown Municipal Airport (N47) had an overall decrease in flight operations this counting period of 19 percent. This loss of flight operations is attributed to the loss of 11 based aircraft since 2010. Additionally, a new FBO is now on board and is building their new business.

**Figure 10: Pottstown Municipal Airport (N47) Aerial Photo**



Aerial Imagery: USDA Farm Service Agency NAIP, 2015



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## DVRPC Aircraft Counting Program

Airport: Pottstown Municipal Airport (N47)

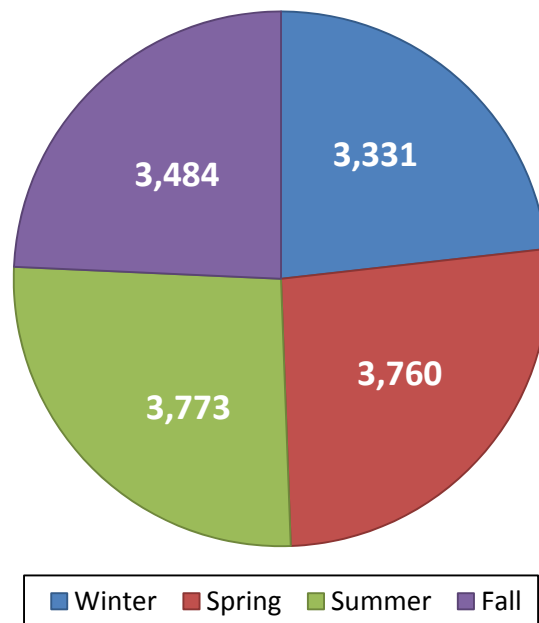
County: Montgomery

### Table 11: Pottstown Municipal Airport (N47) Annual Summary

Season	Year	Average Daily Operations	Total Operations	Percentage of Annual Operations
Winter	2015	37.43	3,331	23%
Spring	2015	40.43	3,760	26%
Summer	2015	40.14	3,773	26%
Fall	2015	39.14	3,484	24%
<b>Annual Operations:</b>		<b>2015</b>	<b>14,348</b>	
Margin of Error: 11 at 95 percent confidence				

Source: DVRPC

### Figure 11: Pottstown Municipal Airport (N47) Seasonal Summary



Source: DVRPC

Weekly Activity Report For: 28 February 2015–6 March 2015  
 N47 Pottstown Municipal Airport  
 N47 Winter I 2015

Day->	Sat 28-Feb	Sun 1-Mar	Mon 2-Mar	Tues 3-Mar	Wed 4-Mar	Thurs 5-Mar	Fri 6-Mar
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am		1		1		1	1
7 am	2	2		3	1	2	1
8 am	1	2			1		1
9 am	3	3		2	3	2	3
10 am	3	5	5	1	5	3	3
11 am	1	3	3			2	1
12 pm	3	2		1	2	1	2
1 pm	2	2	1			2	1
2 pm	5	4		1	1	1	1
3 pm	3	2		1			1
4 pm	2	1		2	1	1	2
5 pm	1	1		1	2	1	1
6 pm	1	1			1		1
7 pm				1			
8 pm							
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	27	29	9	14	17	16	19
Prorated Total Helio Activity 0							
Total Fixed-Wing Activity	131						
Total Aircraft Takeoffs	131						

Source: DVRPC



Weekly Activity Report For: 28 February 2015–6 March 2015  
 N47 Pottstown Municipal Airport  
 N47 Winter II 2015

Day->	Sat 28-Feb	Sun 1-Mar	Mon 2-Mar	Tues 3-Mar	Wed 4-Mar	Thurs 5-Mar	Fri 6-Mar
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am		1		1		1	1
7 am	2	2		3	1	2	1
8 am	1	2			1		1
9 am	3	3		2	3	2	3
10 am	3	5	5	1	5	3	3
11 am	1	3	3			2	1
12 pm	3	2		1	2	1	2
1 pm	2	2	1			2	1
2 pm	5	4		1	1	1	1
3 pm	3	2		1			1
4 pm	2	1		2	1	1	2
5 pm	1	1		1	2	1	1
6 pm	1	1			1		1
7 pm				1			
8 pm							
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	27	29	9	14	17	16	19
Prorated Total Helio Activity							
Total Fixed-Wing Activity	0						
Total Aircraft Takeoffs	131						

Source: DVRPC

---

Weekly Activity Report for: 29 April 2015–5 May 2015  
 N47 Pottstown Municipal Airport  
 N47 Spring I 2015

Day->	Wed 29-Apr	Thurs 30-Apr	Fri 1-May	Sat 2-May	Sun 3-May	Mon 4-May	Tues 5-May
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am	1			1			
8 am	1	1			2	1	
9 am	3	3	1	3	2		4
10 am	1	3	1		1	1	4
11 am	1	5		2	1	2	1
12 pm	2	3	1	2	1	2	
1 pm	2	1	1		2	5	1
2 pm		3		2	3	3	2
3 pm	1	1		6	4	1	
4 pm	2	1	1	6	3		1
5 pm	1		2	8	6		2
6 pm		1	1	4			1
7 pm	1						
8 pm		1					
9 pm		1					
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	16	24	8	34	25	15	16
Prorated Total Helio Activity							
Total Fixed-Wing Activity	0						
Total Aircraft Takeoffs	138						

Source: DVRPC

Weekly Activity Report For: 04 June 2015–10 June 2015  
 N47 Pottstown Municipal Airport  
 N47 Spring II I 2015

Day->	Wed 29-Apr	Thurs 30-Apr	Fri 1-May	Sat 2-May	Sun 3-May	Mon 4-May	Tues 5-May
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am	1			1			
8 am	1	1			2	1	
9 am	3	3	1	3	2		4
10 am	1	3	1		1	1	4
11 am	1	5		2	1	2	1
12 pm	2	3	1	2	1	2	3
1 pm	2	1	1		2	5	1
2 pm	4	3		2	3	3	2
3 pm	1	1		6	4	1	
4 pm	2	1	1	6	3		1
5 pm	1		2	8	6		2
6 pm		1	1	4			1
7 pm	1						
8 pm		1					
9 pm		1					
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	20	24	8	34	25	15	19
Prorated Total Helio Activity	0						
Total Fixed-Wing Activity	145						
Total Aircraft Takeoffs	145						

Source: DVRPC

Weekly Activity Report For: 13 August 2015–19 Aug 2015  
 N47 Pottstown Municipal Airport  
 N47 Summer I 2015

Day->	Thurs 13-Aug	Fri 14-Aug	Sat 15-Aug	Sun 16-Aug	Mon 17-Aug	Tues 18-Aug	Wed 19-Aug
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							1
7 am	1	1		2		1	
8 am	3		1	4	3	1	
9 am		1	3	4	1	1	
10 am	2	6	1	5	1		
11 am	1	1	3	2	4	1	1
12 pm	4	5	3	3	2	1	2
1 pm	2	3	2	3		3	1
2 pm		2	1	1	1	2	3
3 pm		1	3	1		1	1
4 pm	1		3	3			2
5 pm	1	2	1		1	1	2
6 pm	2	4	1			1	
7 pm						1	1
8 pm							
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	17	26	22	28	13	14	14
Prorated Total Helio Activity							
Total Fixed-Wing Activity	0						
Total Aircraft Takeoffs	134						

Source: DVRPC

Weekly Activity Report For: 13 September 2015–19 September 2015  
 N47 Pottstown Municipal Airport  
 N47 Summer II 2015

Day->	Sun 13-Sep	Mon 14-Sep	Tues 15-Sep	Wed 16-Sep	Thurs 17-Sep	Fri 18-Sep	Sat 19-Sep
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							1
6 am						1	3
7 am	1		1			2	3
8 am	1	1		2		2	2
9 am	4		2	2		3	3
10 am			3	1	1	3	2
11 am			1	2	1	2	2
12 pm	2		3	4	3	3	4
1 pm	1	2	1	2	3	2	4
2 pm		9	3	3	1	4	3
3 pm	1			2	3	1	1
4 pm	5	1	2	3	1	4	3
5 pm			2	2		1	1
6 pm			2				2
7 pm							
8 pm	1						
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	16	13	20	23	13	28	34
Prorated Total Helio Activity	0						
Total Fixed-Wing Activity	147						
Total Aircraft Takeoffs	147						

Source: DVRPC

---

Weekly Activity Report      For: 10 October 2015–16 October 2015  
 N47 Pottstown Municipal Airport  
 N47 Fall I 2015

Day->	Sat 10-Oct	Sun 11-Oct	Mon 12-Oct	Tues 13-Oct	Wed 14-Oct	Thurs 15-Oct	Fri 16-Oct
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am						1	
8 am			8	3		6	
9 am	1	4	1	3	1	1	1
10 am	3	2		2	1	4	1
11 am	4	4	1	1	3	1	3
12 pm		1	2	1	3		1
1 pm	6	2	3	1		2	
2 pm	1	3	2	4	1		2
3 pm	2		2	2	3	4	
4 pm	3		1	3	3	8	
5 pm	2	1		1	1	1	4
6 pm				1			
7 pm				1			
8 pm					1	1	1
9 pm	1						
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	23	17	20	23	17	29	13
Prorated Total Helio Activity      0							
Total Fixed-Wing Activity	142						
Total Aircraft Takeoffs	142						

Source: DVRPC

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Weekly Activity Report      For: 05 December 2015–11 December 2015  
 N47 Pottstown Municipal Airport  
 N47 Fall II 2015

Day->	Sat 5-Dec	Sun 6-Dec	Mon 7-Dec	Tues 8-Dec	Wed 9-Dec	Thurs 10-Dec	Fri 11-Dec
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am							
7 am		1					
8 am		3			1		
9 am	1	2		1	2		
10 am	4	3	1	1			
11 am	7	4	1	1	3		3
12 pm	2	2	1	2	3		5
1 pm	3	2		1		1	3
2 pm	9	5	1			6	6
3 pm	5	1				2	1
4 pm	5	6					
5 pm	3	1					
6 pm	3	3		3			
7 pm	1	3		1			
8 pm	2	1					
9 pm							
10 pm							
11 pm							
Prorated Daily Helio Activity							
Total Daily Aircraft Takeoffs	45	37	4	10	9	9	18
Prorated Total Helio Activity      0							
Total Fixed-Wing Activity	132						
Total Aircraft Takeoffs	132						

Source: DVRPC

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## Wings Field Airport (LOM)

**Montgomery County**

**Blue Bell, Pa 19422**

Runway Orientation: 6/24

Runway Length: 3,700 ft.

**Table 12: Wings Field Airport (LOM) Based Aircraft**

Based Aircraft Fleet Mix	
Single-Engine	96
Multi-Engine	6
Jet	0
Helicopter	3
Glider	0
Total	105

Source: AirNav.com

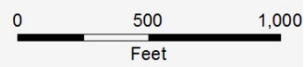
Wings Field Airport had an overall decline of 28 percent in flight operations this counting cycle. The largest percentage of loss was a 35 percent decline in fixed-wing flight operations. With an active based Medivac operation, helicopter flight operations have doubled during this reporting cycle.



**Figure 12: Wings Field Airport (LOM) Aerial Photo**



Aerial Imagery: USDA Farm Service Agency NAIP, 2015



## DVRPC Aircraft Counting Program

Airport: Wings Field (LOM)

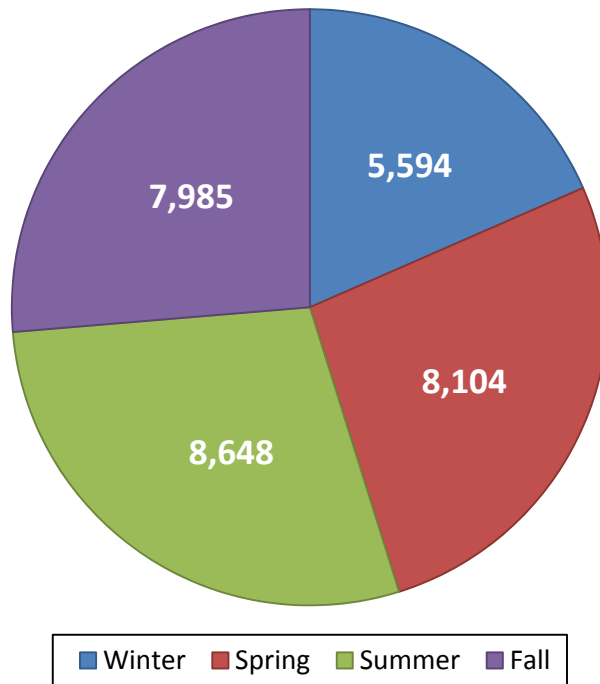
County: Montgomery

**Table 13: Wings Field Airport (LOM) Annual Summary**

Season	Year	Average Daily Operations	Total Operations	Percentage of Annual Operations
Winter	2015	62.86	5,594	18%
Spring	2015	87.14	8,104	27%
Summer	2015	92.00	8,648	29%
Fall	2015	89.71	7,985	26%
<b>Annual Operations:</b>			<b>2015</b>	<b>30,331</b>
Margin of Error: 8 at 95 percent confidence				

Source: DVRPC

**Figure 13: Wings Field Airport (LOM) Seasonal Summary**



Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Winter I 2015

For: 17 January 2015–23 January 2015

Day->	Sat 17-Jan	Sun 18-Jan	Mon 19-Jan	Tues 20-Jan	Wed 21-Jan	Thurs 22-Jan	Fri 23-Jan
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am		1					1
7 am	1	1			1	13	1
8 am	2	3	3	2	2		3
9 am	6	5	2	3	1	1	1
10 am	6	5	3	2	1		6
11 am	7	4	2	1	2	1	7
12 pm	6	4	1	1	1		8
1 pm	5	4	2	1	1		4
2 pm	5	3	2		1		
3 pm	6	3		5	3	2	
4 pm	6	5	1			1	
5 pm	1	1			1	2	1
6 pm							
7 pm							
8 pm							
9 pm	1						
10 pm			2				
11 pm							
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	55	47	26	23	22	28	35
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	190						
Total Aircraft Takeoffs	236						

Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Winter II 2015

For: 5 March 2015 - 11 March 2015

Day->	Thurs 5-Mar	Fri 6-Mar	Sat 7-Mar	Sun 8-Mar	Mon 9-Mar	Tues 10-Mar	Wed 11-Mar
12 am				1			
1 am							
2 am							
3 am							
4 am							
5 am						1	
6 am	1	1	1	1	1		
7 am	3	1	3	3	3	2	
8 am		3	3	1	4	3	1
9 am		1	1	2	4	4	3
10 am	1	3	2	3	1	3	1
11 am		1	1	1	4	2	1
12 pm		3	1	1	1	2	1
1 pm		2	1	6	5		3
2 pm		1		1	3	2	1
3 pm			2	1	1	1	1
4 pm		1	6	3	3	1	7
5 pm		1	2	1	3		1
6 pm			1	2	1		
7 pm			2	1	2		1
8 pm	1		1				
9 pm							
10 pm					1		
11 pm							
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	9	26	35	36	45	29	24
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	158						
Total Aircraft Takeoffs	204						

Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Spring I 2015

For: 26 April 2015–02 May 2015

Day->	Sun 26-Apr	Mon 27-Apr	Tues 28-Apr	Wed 29-Apr	Thurs 30-Apr	Fri 1-May	Sat 2-May
12 am							
1 am							
2 am							
3 am							
4 am							
5 am					1		
6 am	1		2	1	1	2	2
7 am	7	1	1	3		2	1
8 am	2	8		3		2	
9 am	10	10	3	1		7	3
10 am	8	4	2	2	5	2	4
11 am	1	3		1	3	2	1
12 pm	1	3			6	4	4
1 pm	3	4	4	2	4	3	2
2 pm	6	4		2	4	3	4
3 pm	3	9		1	3	3	1
4 pm	2	3		1	3	7	3
5 pm	2	4	2	1	1	1	6
6 pm	2		2	1	5	3	8
7 pm	5	3			4	1	4
8 pm	4	3					2
9 pm						2	1
10 pm							
11 pm							
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	60	67	24	27	48	52	49
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	281						
Total Aircraft Takeoffs	327						

Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Spring II 2015

For: 4 June 2015–10 June 2015

Day->	Thurs 4-Jun	Fri 5-Jun	Sat 6-Jun	Sun 7-Jun	Mon 8-Jun	Tues 9-Jun	Wed 10-Jun
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am	1	2					1
7 am	1	1	1		2	2	1
8 am			3	6	7	4	5
9 am		1	2	4	2	2	3
10 am	3	2	1	6	2	1	7
11 am	4	3		6	3		9
12 pm	4	1		2	2	1	7
1 pm	7		1	1		2	4
2 pm	5	4	3	2	2		1
3 pm	3	6		5	4	1	2
4 pm	6	2	3	2	1	1	
5 pm	4	3	5	6		1	3
6 pm	1	1	2	1	1		
7 pm	1	1	2	2			2
8 pm	2	3	1			5	3
9 pm			1	1		1	
10 pm	1						
11 pm							
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	46	38	33	52	34	29	51
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	237						
Total Aircraft Takeoffs	283						

Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Summer I 2015

For: 10 July 2015–16 July 2015

Day->	Fri 10-Jul	Sat 11-Jul	Sun 12-Jul	Mon 13-Jul	Tues 14-Jul	Wed 15-Jul	Thurs 16-Jul
12 am							
1 am		1					
2 am		1					
3 am							
4 am						2	
5 am							
6 am		3	1	1	1		
7 am	1	4	2	3	2		
8 am	6	3	2	5	3	1	5
9 am	5	6	4	2	2		5
10 am	5	4	3	4	1	1	3
11 am	1	3	10	5	1		5
12 pm	4	5	5	3		3	7
1 pm	2	3	3	4	1	1	
2 pm	5	5	6	2	2	2	
3 pm	4	3	2	3	1	1	
4 pm	1	5		2		1	
5 pm	5	3	9	3		2	
6 pm	10	1	3	1			
7 pm	2	1	6	1		3	
8 pm			5				
9 pm	4						
10 pm			2				
11 pm							
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	58	59	71	47	22	25	28
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	264						
Total Aircraft Takeoffs	310						

Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Summer II 2015

For: 15 September 2015–21 September 2015

Day->	Tues 15-Sep	Wed 16-Sep	Thurs 17-Sep	Fri 18-Sep	Sat 19-Sep	Sun 20-Sep	Mon 21-Sep
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							1
6 am	1					1	
7 am	1	3		2	1		4
8 am	2	1		2	2	4	1
9 am	3	1	4	7	2		3
10 am	2	1	6	7	6	1	3
11 am	2	9	2	6	6	6	3
12 pm		4	10	2	6	5	4
1 pm		1	8	2		3	1
2 pm	2	5	6	5	4	3	1
3 pm		2	6	6	1	2	
4 pm	1	4	3	9	2	1	3
5 pm	3		1	4	3	4	
6 pm	6	8	6	1	2	7	
7 pm		2	4	4	3	6	
8 pm	1					2	
9 pm					1		1
10 pm							
11 pm			1				
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	27	49	65	65	47	53	28
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	288						
Total Aircraft Takeoffs	334						

Source: DVRPC



Weekly Activity Report  
 LOM Wings Field  
 LOM Fall I 2015

For: 6 October 2015–12 October 2015

Day->	Tues 6-Oct	Wed 7-Oct	Thurs 8-Oct	Fri 9-Oct	Sat 10-Oct	Sun 11-Oct	Mon 12-Oct
12 am							
1 am							
2 am							
3 am							
4 am							
5 am							
6 am				1			
7 am	2	1		2	2	1	
8 am	1	4	1	3	10	1	3
9 am	4	1	6	3	2	2	
10 am	1		6	3	3	1	3
11 am	1	1	3	5	4	3	5
12 pm	5	2	2	3	1	3	5
1 pm	3	4	3	6	1	8	4
2 pm	8	5	2	4	3	5	5
3 pm	3	3	2	2		7	4
4 pm	10	9	1	2	2	2	
5 pm	5	3	3		8	7	2
6 pm	3	5	5	1	7		5
7 pm	3		1	3		1	
8 pm	3	1	1		1		
9 pm	2	1	1			1	1
10 pm		1		1			
11 pm			3				
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	57	49	48	47	52	50	40
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	297						
Total Aircraft Takeoffs	343						

Source: DVRPC

Weekly Activity Report  
 LOM Wings Field  
 LOM Fall II 2015

For: 10 December 2015–16 December 2015

Day->	Thurs 10-Dec	Fri 11-Dec	Sat 12-Dec	Sun 13-Dec	Mon 14-Dec	Tues 15-Dec	Wed 16-Dec
12 am							1
1 am							
2 am							
3 am							
4 am							
5 am							
6 am	1	1	1	1	2		1
7 am	2	2	1	1	1	1	1
8 am	1	1	1	9	3	3	3
9 am	5	5	2	1	3	3	1
10 am	4	3	4	6	3	2	2
11 am	1	3	7	5			9
12 pm	2	2	7	3	1	2	3
1 pm	7	2	2	4	1		2
2 pm	4		6	2	1	1	5
3 pm	2	3	6	5	2	1	2
4 pm	1	4	1	9	1	3	3
5 pm	5	1	1			1	1
6 pm	3	1	1	1		1	2
7 pm	1		2	1	1		1
8 pm		1	1				1
9 pm	1	1					
10 pm						1	
11 pm		1				1	
Prorated Daily Helio Activity	3	8	8	8	8	8	3
Total Daily Aircraft Takeoffs	43	39	51	56	27	28	41
Prorated Total Helio Activity	46						
Total Fixed-Wing Activity	239						
Total Aircraft Takeoffs	285						

Source: DVRPC

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**Geographic Area Covered:** Gloucester County in New Jersey; Bucks County, Montgomery County in Pennsylvania.

**Key Words:** Aircraft Operations, Helicopter Operations, Airports, Fixed-Wing Airplane, Rotorcraft, Takeoffs, Landings, Count, Activity, Estimate, Seasonal, Annual, Acoustic Counter, Based Aircraft, Runway Length

**Abstract:** This technical report presents aircraft operations estimates for five non-towered airports in the Delaware Valley aviation planning area. Eight acoustic counts were taken at each airport, starting in January 2015 and ending in December 2015; each sample covered seven continuous days. The samples were extrapolated over the entire year, and the results are presented in this report. Results are used by multiple sources to monitor aircraft activity levels in the Delaware Valley and as a base for planning and forecasting documents.

**Staff Contact:**

Ted Dahlburg  
Manager  
Office of Freight and Aviation Planning  
Phone: 215-238-2844  
tdahlburg@dvrpc.org



Delaware Valley Regional Planning Commission  
190 N. Independence Mall West, 8th Floor  
Philadelphia PA 19106  
Phone: 215-592-1800  
Fax: 215-592-9125  
www.dvrpc.org



**190 N. INDEPENDENCE MALL WEST**

**8TH FLOOR**

**PHILADELPHIA, PA 19106**

**P:215-592-1800**

**[www.dvrpc.org](http://www.dvrpc.org)**