

Appendix D

Wind Analysis Weather Data

Standard Wind Analysis Results for ALL_WEATHER

TITLE: All Weather Combined Windrose 10.5 knots

RUNWAY ORIENTATION:	0.0	90.0 DEGREE
CROSSWIND COMPONENT:	10.5	10.5 KNOTS
TAILWIND COMPONENT:	60.0	60.0 KNOTS

WIND COVERAGE: 98.84 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	270	643	246	192	16	2	1	0	0	1370
20°	197	478	187	165	17	2	0	0	0	1046
30°	150	496	267	261	25	4	0	0	0	1203
40°	168	616	442	580	56	1	1	0	0	1864
50°	182	816	750	1210	176	5	0	0	0	3139
60°	222	1039	1161	1792	279	3	0	0	0	4496
70°	213	1178	1226	1645	235	7	0	0	0	4504
80°	234	1471	1434	1721	169	5	2	0	0	5036
90°	248	1481	1646	1674	169	3	0	0	0	5221
100°	223	1545	1560	1598	142	4	1	0	0	5073
110°	228	1619	1577	1421	106	4	0	0	0	4955
120°	262	1520	1602	1403	74	6	0	0	0	4867
130°	236	1331	1330	1143	50	2	0	0	0	4092
140°	234	1135	982	850	52	1	0	0	0	3254
150°	250	1038	718	672	47	3	0	0	0	2728
160°	234	913	607	487	29	0	0	0	0	2270
170°	209	653	522	389	28	0	0	0	0	1801
180°	195	613	326	287	25	5	0	0	0	1451
190°	204	599	232	157	13	1	0	0	0	1206
200°	211	520	245	163	21	2	0	0	0	1162
210°	180	479	204	164	34	1	0	0	0	1062
220°	154	452	233	187	29	4	0	0	0	1059
230°	126	496	242	216	38	5	0	0	0	1123
240°	140	627	332	240	59	3	0	0	0	1401
250°	169	666	296	250	44	1	1	0	0	1427
260°	130	572	263	236	40	0	1	0	0	1242
270°	127	483	237	210	46	4	0	0	0	1107
280°	143	520	231	209	37	7	2	0	0	1149
290°	152	574	269	267	58	3	1	0	0	1324
300°	189	647	321	279	55	6	0	1	0	1498
310°	216	838	392	363	71	9	2	0	0	1891
320°	298	1032	570	497	79	4	4	1	0	2485
330°	301	1201	750	537	74	8	3	0	0	2874
340°	349	1317	758	498	36	3	0	0	0	2961
350°	371	1239	554	296	19	1	1	0	0	2481
360°	357	1049	370	201	14	2	1	0	0	1994
Calm	14933									14933
TOTAL	22705	31896	23082	22460	2462	121	21	2	0	102749

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for ALL_WEATHER

TITLE: All Weather Combined Windrose

RUNWAY ORIENTATION:	0.0	90.0 DEGREE
CROSSWIND COMPONENT:	13.0	13.0 KNOTS
TAILWIND COMPONENT:	60.0	60.0 KNOTS

WIND COVERAGE: 99.8 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	270	643	246	192	16	2	1	0	0	1370
20°	197	478	187	165	17	2	0	0	0	1046
30°	150	496	267	261	25	4	0	0	0	1203
40°	168	616	442	580	56	1	1	0	0	1864
50°	182	816	750	1210	176	5	0	0	0	3139
60°	222	1039	1161	1792	279	3	0	0	0	4496
70°	213	1178	1226	1645	235	7	0	0	0	4504
80°	234	1471	1434	1721	169	5	2	0	0	5036
90°	248	1481	1646	1674	169	3	0	0	0	5221
100°	223	1545	1560	1598	142	4	1	0	0	5073
110°	228	1619	1577	1421	106	4	0	0	0	4955
120°	262	1520	1602	1403	74	6	0	0	0	4867
130°	236	1331	1330	1143	50	2	0	0	0	4092
140°	234	1135	982	850	52	1	0	0	0	3254
150°	250	1038	718	672	47	3	0	0	0	2728
160°	234	913	607	487	29	0	0	0	0	2270
170°	209	653	522	389	28	0	0	0	0	1801
180°	195	613	326	287	25	5	0	0	0	1451
190°	204	599	232	157	13	1	0	0	0	1206
200°	211	520	245	163	21	2	0	0	0	1162
210°	180	479	204	164	34	1	0	0	0	1062
220°	154	452	233	187	29	4	0	0	0	1059
230°	126	496	242	216	38	5	0	0	0	1123
240°	140	627	332	240	59	3	0	0	0	1401
250°	169	666	296	250	44	1	1	0	0	1427
260°	130	572	263	236	40	0	1	0	0	1242
270°	127	483	237	210	46	4	0	0	0	1107
280°	143	520	231	209	37	7	2	0	0	1149
290°	152	574	269	267	58	3	1	0	0	1324
300°	189	647	321	279	55	6	0	1	0	1498
310°	216	838	392	363	71	9	2	0	0	1891
320°	298	1032	570	497	79	4	4	1	0	2485
330°	301	1201	750	537	74	8	3	0	0	2874
340°	349	1317	758	498	36	3	0	0	0	2961
350°	371	1239	554	296	19	1	1	0	0	2481
360°	357	1049	370	201	14	2	1	0	0	1994
Calm	14933									14933
TOTAL	22705	31896	23082	22460	2462	121	21	2	0	102749

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for ALL_WEATHER

TITLE: All Weather RWY 01/19 10.5 knots

RUNWAY ORIENTATION: 0.0 DEGREE
 CROSSWIND COMPONENT: 10.5 KNOTS
 TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 84.85 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	270	643	246	192	16	2	1	0	0	1370
20°	197	478	187	165	17	2	0	0	0	1046
30°	150	496	267	261	25	4	0	0	0	1203
40°	168	616	442	580	56	1	1	0	0	1864
50°	182	816	750	1210	176	5	0	0	0	3139
60°	222	1039	1161	1792	279	3	0	0	0	4496
70°	213	1178	1226	1645	235	7	0	0	0	4504
80°	234	1471	1434	1721	169	5	2	0	0	5036
90°	248	1481	1646	1674	169	3	0	0	0	5221
100°	223	1545	1560	1598	142	4	1	0	0	5073
110°	228	1619	1577	1421	106	4	0	0	0	4955
120°	262	1520	1602	1403	74	6	0	0	0	4867
130°	236	1331	1330	1143	50	2	0	0	0	4092
140°	234	1135	982	850	52	1	0	0	0	3254
150°	250	1038	718	672	47	3	0	0	0	2728
160°	234	913	607	487	29	0	0	0	0	2270
170°	209	653	522	389	28	0	0	0	0	1801
180°	195	613	326	287	25	5	0	0	0	1451
190°	204	599	232	157	13	1	0	0	0	1206
200°	211	520	245	163	21	2	0	0	0	1162
210°	180	479	204	164	34	1	0	0	0	1062
220°	154	452	233	187	29	4	0	0	0	1059
230°	126	496	242	216	38	5	0	0	0	1123
240°	140	627	332	240	59	3	0	0	0	1401
250°	169	666	296	250	44	1	1	0	0	1427
260°	130	572	263	236	40	0	1	0	0	1242
270°	127	483	237	210	46	4	0	0	0	1107
280°	143	520	231	209	37	7	2	0	0	1149
290°	152	574	269	267	58	3	1	0	0	1324
300°	189	647	321	279	55	6	0	1	0	1498
310°	216	838	392	363	71	9	2	0	0	1891
320°	298	1032	570	497	79	4	4	1	0	2485
330°	301	1201	750	537	74	8	3	0	0	2874
340°	349	1317	758	498	36	3	0	0	0	2961
350°	371	1239	554	296	19	1	1	0	0	2481
360°	357	1049	370	201	14	2	1	0	0	1994
Calm	14933									14933
TOTAL	22705	31896	23082	22460	2462	121	21	2	0	102749

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for ALL_WEATHER

TITLE: All Weather RWY 01/19 13 knots

RUNWAY ORIENTATION: 0.0 DEGREE
 CROSSWIND COMPONENT: 13.0 KNOTS
 TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 91.9 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	270	643	246	192	16	2	1	0	0	1370
20°	197	478	187	165	17	2	0	0	0	1046
30°	150	496	267	261	25	4	0	0	0	1203
40°	168	616	442	580	56	1	1	0	0	1864
50°	182	816	750	1210	176	5	0	0	0	3139
60°	222	1039	1161	1792	279	3	0	0	0	4496
70°	213	1178	1226	1645	235	7	0	0	0	4504
80°	234	1471	1434	1721	169	5	2	0	0	5036
90°	248	1481	1646	1674	169	3	0	0	0	5221
100°	223	1545	1560	1598	142	4	1	0	0	5073
110°	228	1619	1577	1421	106	4	0	0	0	4955
120°	262	1520	1602	1403	74	6	0	0	0	4867
130°	236	1331	1330	1143	50	2	0	0	0	4092
140°	234	1135	982	850	52	1	0	0	0	3254
150°	250	1038	718	672	47	3	0	0	0	2728
160°	234	913	607	487	29	0	0	0	0	2270
170°	209	653	522	389	28	0	0	0	0	1801
180°	195	613	326	287	25	5	0	0	0	1451
190°	204	599	232	157	13	1	0	0	0	1206
200°	211	520	245	163	21	2	0	0	0	1162
210°	180	479	204	164	34	1	0	0	0	1062
220°	154	452	233	187	29	4	0	0	0	1059
230°	126	496	242	216	38	5	0	0	0	1123
240°	140	627	332	240	59	3	0	0	0	1401
250°	169	666	296	250	44	1	1	0	0	1427
260°	130	572	263	236	40	0	1	0	0	1242
270°	127	483	237	210	46	4	0	0	0	1107
280°	143	520	231	209	37	7	2	0	0	1149
290°	152	574	269	267	58	3	1	0	0	1324
300°	189	647	321	279	55	6	0	1	0	1498
310°	216	838	392	363	71	9	2	0	0	1891
320°	298	1032	570	497	79	4	4	1	0	2485
330°	301	1201	750	537	74	8	3	0	0	2874
340°	349	1317	758	498	36	3	0	0	0	2961
350°	371	1239	554	296	19	1	1	0	0	2481
360°	357	1049	370	201	14	2	1	0	0	1994
Calm	14933									14933
TOTAL	22705	31896	23082	22460	2462	121	21	2	0	102749

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for ALL_WEATHER

TITLE: All Weather RWY 10/28 10.5 knots

RUNWAY ORIENTATION: 90.0 DEGREE
CROSSWIND COMPONENT: 10.5 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 93.75 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	270	643	246	192	16	2	1	0	0	1370
20°	197	478	187	165	17	2	0	0	0	1046
30°	150	496	267	261	25	4	0	0	0	1203
40°	168	616	442	580	56	1	1	0	0	1864
50°	182	816	750	1210	176	5	0	0	0	3139
60°	222	1039	1161	1792	279	3	0	0	0	4496
70°	213	1178	1226	1645	235	7	0	0	0	4504
80°	234	1471	1434	1721	169	5	2	0	0	5036
90°	248	1481	1646	1674	169	3	0	0	0	5221
100°	223	1545	1560	1598	142	4	1	0	0	5073
110°	228	1619	1577	1421	106	4	0	0	0	4955
120°	262	1520	1602	1403	74	6	0	0	0	4867
130°	236	1331	1330	1143	50	2	0	0	0	4092
140°	234	1135	982	850	52	1	0	0	0	3254
150°	250	1038	718	672	47	3	0	0	0	2728
160°	234	913	607	487	29	0	0	0	0	2270
170°	209	653	522	389	28	0	0	0	0	1801
180°	195	613	326	287	25	5	0	0	0	1451
190°	204	599	232	157	13	1	0	0	0	1206
200°	211	520	245	163	21	2	0	0	0	1162
210°	180	479	204	164	34	1	0	0	0	1062
220°	154	452	233	187	29	4	0	0	0	1059
230°	126	496	242	216	38	5	0	0	0	1123
240°	140	627	332	240	59	3	0	0	0	1401
250°	169	666	296	250	44	1	1	0	0	1427
260°	130	572	263	236	40	0	1	0	0	1242
270°	127	483	237	210	46	4	0	0	0	1107
280°	143	520	231	209	37	7	2	0	0	1149
290°	152	574	269	267	58	3	1	0	0	1324
300°	189	647	321	279	55	6	0	1	0	1498
310°	216	838	392	363	71	9	2	0	0	1891
320°	298	1032	570	497	79	4	4	1	0	2485
330°	301	1201	750	537	74	8	3	0	0	2874
340°	349	1317	758	498	36	3	0	0	0	2961
350°	371	1239	554	296	19	1	1	0	0	2481
360°	357	1049	370	201	14	2	1	0	0	1994
Calm	14933									14933
TOTAL	22705	31896	23082	22460	2462	121	21	2	0	102749

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for ALL_WEATHER

TITLE: All Weather RWY 10/28 13 knots

RUNWAY ORIENTATION: 90.0 DEGREE
CROSSWIND COMPONENT: 13.0 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 97.22 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	270	643	246	192	16	2	1	0	0	1370
20°	197	478	187	165	17	2	0	0	0	1046
30°	150	496	267	261	25	4	0	0	0	1203
40°	168	616	442	580	56	1	1	0	0	1864
50°	182	816	750	1210	176	5	0	0	0	3139
60°	222	1039	1161	1792	279	3	0	0	0	4496
70°	213	1178	1226	1645	235	7	0	0	0	4504
80°	234	1471	1434	1721	169	5	2	0	0	5036
90°	248	1481	1646	1674	169	3	0	0	0	5221
100°	223	1545	1560	1598	142	4	1	0	0	5073
110°	228	1619	1577	1421	106	4	0	0	0	4955
120°	262	1520	1602	1403	74	6	0	0	0	4867
130°	236	1331	1330	1143	50	2	0	0	0	4092
140°	234	1135	982	850	52	1	0	0	0	3254
150°	250	1038	718	672	47	3	0	0	0	2728
160°	234	913	607	487	29	0	0	0	0	2270
170°	209	653	522	389	28	0	0	0	0	1801
180°	195	613	326	287	25	5	0	0	0	1451
190°	204	599	232	157	13	1	0	0	0	1206
200°	211	520	245	163	21	2	0	0	0	1162
210°	180	479	204	164	34	1	0	0	0	1062
220°	154	452	233	187	29	4	0	0	0	1059
230°	126	496	242	216	38	5	0	0	0	1123
240°	140	627	332	240	59	3	0	0	0	1401
250°	169	666	296	250	44	1	1	0	0	1427
260°	130	572	263	236	40	0	1	0	0	1242
270°	127	483	237	210	46	4	0	0	0	1107
280°	143	520	231	209	37	7	2	0	0	1149
290°	152	574	269	267	58	3	1	0	0	1324
300°	189	647	321	279	55	6	0	1	0	1498
310°	216	838	392	363	71	9	2	0	0	1891
320°	298	1032	570	497	79	4	4	1	0	2485
330°	301	1201	750	537	74	8	3	0	0	2874
340°	349	1317	758	498	36	3	0	0	0	2961
350°	371	1239	554	296	19	1	1	0	0	2481
360°	357	1049	370	201	14	2	1	0	0	1994
Calm	14933									14933
TOTAL	22705	31896	23082	22460	2462	121	21	2	0	102749

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for IFR

TITLE: IFR Combine 10.5 knots

RUNWAY ORIENTATION:	0.0	90.0 DEGREE
CROSSWIND COMPONENT:	10.5	10.5 KNOTS
TAILWIND COMPONENT:	60.0	60.0 KNOTS

WIND COVERAGE: 97.45 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	10	45	23	20	5	2	0	0	0	105
20°	8	37	16	21	7	2	0	0	0	91
30°	6	32	25	25	3	3	0	0	0	94
40°	6	30	30	36	5	1	1	0	0	109
50°	3	28	33	70	8	1	0	0	0	143
60°	3	25	43	40	3	1	0	0	0	115
70°	3	28	39	36	10	3	0	0	0	119
80°	2	29	38	56	19	3	1	0	0	148
90°	1	29	33	52	25	1	0	0	0	141
100°	2	33	34	44	14	1	0	0	0	128
110°	2	22	29	37	12	3	0	0	0	105
120°	5	37	38	37	11	3	0	0	0	131
130°	5	36	39	27	7	1	0	0	0	115
140°	6	37	35	33	6	0	0	0	0	117
150°	1	39	40	30	6	3	0	0	0	119
160°	8	30	26	18	5	0	0	0	0	87
170°	5	33	29	12	8	0	0	0	0	87
180°	5	36	13	26	8	4	0	0	0	92
190°	7	39	25	14	4	0	0	0	0	89
200°	9	37	22	23	2	2	0	0	0	95
210°	9	36	14	12	6	0	0	0	0	77
220°	5	35	22	22	7	0	0	0	0	91
230°	4	44	22	23	6	2	0	0	0	101
240°	12	35	23	23	9	2	0	0	0	104
250°	17	39	20	26	8	1	0	0	0	111
260°	13	47	23	22	12	0	1	0	0	118
270°	7	30	30	31	11	3	0	0	0	112
280°	12	30	16	23	7	4	1	0	0	93
290°	7	35	19	29	17	2	1	0	0	110
300°	13	59	25	23	9	1	0	1	0	131
310°	14	64	31	26	10	3	2	0	0	150
320°	12	95	42	41	12	1	3	1	0	207
330°	20	92	58	57	13	3	2	0	0	245
340°	26	83	59	34	6	1	0	0	0	209
350°	15	75	38	24	2	1	0	0	0	155
360°	11	49	29	18	3	2	0	0	0	112
Calm	747									747
TOTAL	1041	1510	1081	1091	306	60	12	2	0	5103

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for IFR

TITLE: IFR Combine Windrose

RUNWAY ORIENTATION:	0.0	90.0 DEGREE
CROSSWIND COMPONENT:	13.0	13.0 KNOTS
TAILWIND COMPONENT:	60.0	60.0 KNOTS

WIND COVERAGE: 99.2 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	10	45	23	20	5	2	0	0	0	105
20°	8	37	16	21	7	2	0	0	0	91
30°	6	32	25	25	3	3	0	0	0	94
40°	6	30	30	36	5	1	1	0	0	109
50°	3	28	33	70	8	1	0	0	0	143
60°	3	25	43	40	3	1	0	0	0	115
70°	3	28	39	36	10	3	0	0	0	119
80°	2	29	38	56	19	3	1	0	0	148
90°	1	29	33	52	25	1	0	0	0	141
100°	2	33	34	44	14	1	0	0	0	128
110°	2	22	29	37	12	3	0	0	0	105
120°	5	37	38	37	11	3	0	0	0	131
130°	5	36	39	27	7	1	0	0	0	115
140°	6	37	35	33	6	0	0	0	0	117
150°	1	39	40	30	6	3	0	0	0	119
160°	8	30	26	18	5	0	0	0	0	87
170°	5	33	29	12	8	0	0	0	0	87
180°	5	36	13	26	8	4	0	0	0	92
190°	7	39	25	14	4	0	0	0	0	89
200°	9	37	22	23	2	2	0	0	0	95
210°	9	36	14	12	6	0	0	0	0	77
220°	5	35	22	22	7	0	0	0	0	91
230°	4	44	22	23	6	2	0	0	0	101
240°	12	35	23	23	9	2	0	0	0	104
250°	17	39	20	26	8	1	0	0	0	111
260°	13	47	23	22	12	0	1	0	0	118
270°	7	30	30	31	11	3	0	0	0	112
280°	12	30	16	23	7	4	1	0	0	93
290°	7	35	19	29	17	2	1	0	0	110
300°	13	59	25	23	9	1	0	1	0	131
310°	14	64	31	26	10	3	2	0	0	150
320°	12	95	42	41	12	1	3	1	0	207
330°	20	92	58	57	13	3	2	0	0	245
340°	26	83	59	34	6	1	0	0	0	209
350°	15	75	38	24	2	1	0	0	0	155
360°	11	49	29	18	3	2	0	0	0	112
Calm	747									747
TOTAL	1041	1510	1081	1091	306	60	12	2	0	5103

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.



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Title:

Num Runways: Runway 1

Runway Orientation:

Crosswind Component:

Tailwind Component:

Note: Use a 60 knot tailwind to indicate runway is bi-directional.

Wind Coverage: 84.06%

Hourly Observations of Wind Speed (knots)

Direction	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	Total
10°	10	45	23	20	5	2	0	0	0	105
20°	8	37	16	21	7	2	0	0	0	91
30°	6	32	25	25	3	3	0	0	0	94
40°	6	30	30	36	5	1	1	0	0	109
50°	3	28	33	70	8	1	0	0	0	143
60°	3	25	43	40	3	1	0	0	0	115
70°	3	28	39	36	10	3	0	0	0	119
80°	2	29	38	56	19	3	1	0	0	148
90°	1	29	33	52	25	1	0	0	0	141
100°	2	33	34	44	14	1	0	0	0	128
110°	2	22	29	37	12	3	0	0	0	105
120°	5	37	38	37	11	3	0	0	0	131
130°	5	36	39	27	7	1	0	0	0	115
140°	6	37	35	33	6	0	0	0	0	117
150°	1	39	40	30	6	3	0	0	0	119
160°	8	30	26	18	5	0	0	0	0	87
170°	5	33	29	12	8	0	0	0	0	87
180°	5	36	13	26	8	4	0	0	0	92
190°	7	39	25	14	4	0	0	0	0	89
200°	9	37	22	23	2	2	0	0	0	95

210°	9	36	14	12	6	0	0	0	0	77
220°	5	35	22	22	7	0	0	0	0	91
230°	4	44	22	23	6	2	0	0	0	101
240°	12	35	23	23	9	2	0	0	0	104
250°	17	39	20	26	8	1	0	0	0	111
260°	13	47	23	22	12	0	1	0	0	118
270°	7	30	30	31	11	3	0	0	0	112
280°	12	30	16	23	7	4	1	0	0	93
290°	7	35	19	29	17	2	1	0	0	110
300°	13	59	25	23	9	1	0	1	0	131
310°	14	64	31	26	10	3	2	0	0	150
320°	12	95	42	41	12	1	3	1	0	207
330°	20	92	58	57	13	3	2	0	0	245
340°	26	83	59	34	6	1	0	0	0	209
350°	15	75	38	24	2	1	0	0	0	155
360°	11	49	29	18	3	2	0	0	0	112
Calm	747									747
TOTAL	1041	1510	1081	1091	306	60	12	2	0	5103

Source: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013"

Standard Wind Analysis Results for IFR

TITLE: IFR RWY 01/19 13.0 knots

RUNWAY ORIENTATION: 0.0 DEGREE
 CROSSWIND COMPONENT: 13.0 KNOTS
 TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 90.25 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	10	45	23	20	5	2	0	0	0	105
20°	8	37	16	21	7	2	0	0	0	91
30°	6	32	25	25	3	3	0	0	0	94
40°	6	30	30	36	5	1	1	0	0	109
50°	3	28	33	70	8	1	0	0	0	143
60°	3	25	43	40	3	1	0	0	0	115
70°	3	28	39	36	10	3	0	0	0	119
80°	2	29	38	56	19	3	1	0	0	148
90°	1	29	33	52	25	1	0	0	0	141
100°	2	33	34	44	14	1	0	0	0	128
110°	2	22	29	37	12	3	0	0	0	105
120°	5	37	38	37	11	3	0	0	0	131
130°	5	36	39	27	7	1	0	0	0	115
140°	6	37	35	33	6	0	0	0	0	117
150°	1	39	40	30	6	3	0	0	0	119
160°	8	30	26	18	5	0	0	0	0	87
170°	5	33	29	12	8	0	0	0	0	87
180°	5	36	13	26	8	4	0	0	0	92
190°	7	39	25	14	4	0	0	0	0	89
200°	9	37	22	23	2	2	0	0	0	95
210°	9	36	14	12	6	0	0	0	0	77
220°	5	35	22	22	7	0	0	0	0	91
230°	4	44	22	23	6	2	0	0	0	101
240°	12	35	23	23	9	2	0	0	0	104
250°	17	39	20	26	8	1	0	0	0	111
260°	13	47	23	22	12	0	1	0	0	118
270°	7	30	30	31	11	3	0	0	0	112
280°	12	30	16	23	7	4	1	0	0	93
290°	7	35	19	29	17	2	1	0	0	110
300°	13	59	25	23	9	1	0	1	0	131
310°	14	64	31	26	10	3	2	0	0	150
320°	12	95	42	41	12	1	3	1	0	207
330°	20	92	58	57	13	3	2	0	0	245
340°	26	83	59	34	6	1	0	0	0	209
350°	15	75	38	24	2	1	0	0	0	155
360°	11	49	29	18	3	2	0	0	0	112
Calm	747									747
TOTAL	1041	1510	1081	1091	306	60	12	2	0	5103

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for IFR

TITLE: IFR RWY 10/28 10.5 knots

RUNWAY ORIENTATION: 90.0 DEGREE
CROSSWIND COMPONENT: 10.5 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 88.85 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	10	45	23	20	5	2	0	0	0	105
20°	8	37	16	21	7	2	0	0	0	91
30°	6	32	25	25	3	3	0	0	0	94
40°	6	30	30	36	5	1	1	0	0	109
50°	3	28	33	70	8	1	0	0	0	143
60°	3	25	43	40	3	1	0	0	0	115
70°	3	28	39	36	10	3	0	0	0	119
80°	2	29	38	56	19	3	1	0	0	148
90°	1	29	33	52	25	1	0	0	0	141
100°	2	33	34	44	14	1	0	0	0	128
110°	2	22	29	37	12	3	0	0	0	105
120°	5	37	38	37	11	3	0	0	0	131
130°	5	36	39	27	7	1	0	0	0	115
140°	6	37	35	33	6	0	0	0	0	117
150°	1	39	40	30	6	3	0	0	0	119
160°	8	30	26	18	5	0	0	0	0	87
170°	5	33	29	12	8	0	0	0	0	87
180°	5	36	13	26	8	4	0	0	0	92
190°	7	39	25	14	4	0	0	0	0	89
200°	9	37	22	23	2	2	0	0	0	95
210°	9	36	14	12	6	0	0	0	0	77
220°	5	35	22	22	7	0	0	0	0	91
230°	4	44	22	23	6	2	0	0	0	101
240°	12	35	23	23	9	2	0	0	0	104
250°	17	39	20	26	8	1	0	0	0	111
260°	13	47	23	22	12	0	1	0	0	118
270°	7	30	30	31	11	3	0	0	0	112
280°	12	30	16	23	7	4	1	0	0	93
290°	7	35	19	29	17	2	1	0	0	110
300°	13	59	25	23	9	1	0	1	0	131
310°	14	64	31	26	10	3	2	0	0	150
320°	12	95	42	41	12	1	3	1	0	207
330°	20	92	58	57	13	3	2	0	0	245
340°	26	83	59	34	6	1	0	0	0	209
350°	15	75	38	24	2	1	0	0	0	155
360°	11	49	29	18	3	2	0	0	0	112
Calm	747									747
TOTAL	1041	1510	1081	1091	306	60	12	2	0	5103

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for IFR

TITLE: IFR RWY 10/28 13.0 knots

RUNWAY ORIENTATION: 90.0 DEGREE
CROSSWIND COMPONENT: 13.0 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 93.87 %

DIRECTION	HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)									TOTAL
	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	
10°	10	45	23	20	5	2	0	0	0	105
20°	8	37	16	21	7	2	0	0	0	91
30°	6	32	25	25	3	3	0	0	0	94
40°	6	30	30	36	5	1	1	0	0	109
50°	3	28	33	70	8	1	0	0	0	143
60°	3	25	43	40	3	1	0	0	0	115
70°	3	28	39	36	10	3	0	0	0	119
80°	2	29	38	56	19	3	1	0	0	148
90°	1	29	33	52	25	1	0	0	0	141
100°	2	33	34	44	14	1	0	0	0	128
110°	2	22	29	37	12	3	0	0	0	105
120°	5	37	38	37	11	3	0	0	0	131
130°	5	36	39	27	7	1	0	0	0	115
140°	6	37	35	33	6	0	0	0	0	117
150°	1	39	40	30	6	3	0	0	0	119
160°	8	30	26	18	5	0	0	0	0	87
170°	5	33	29	12	8	0	0	0	0	87
180°	5	36	13	26	8	4	0	0	0	92
190°	7	39	25	14	4	0	0	0	0	89
200°	9	37	22	23	2	2	0	0	0	95
210°	9	36	14	12	6	0	0	0	0	77
220°	5	35	22	22	7	0	0	0	0	91
230°	4	44	22	23	6	2	0	0	0	101
240°	12	35	23	23	9	2	0	0	0	104
250°	17	39	20	26	8	1	0	0	0	111
260°	13	47	23	22	12	0	1	0	0	118
270°	7	30	30	31	11	3	0	0	0	112
280°	12	30	16	23	7	4	1	0	0	93
290°	7	35	19	29	17	2	1	0	0	110
300°	13	59	25	23	9	1	0	1	0	131
310°	14	64	31	26	10	3	2	0	0	150
320°	12	95	42	41	12	1	3	1	0	207
330°	20	92	58	57	13	3	2	0	0	245
340°	26	83	59	34	6	1	0	0	0	209
350°	15	75	38	24	2	1	0	0	0	155
360°	11	49	29	18	3	2	0	0	0	112
Calm	747									747
TOTAL	1041	1510	1081	1091	306	60	12	2	0	5103

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for VFR

TITLE: VFR Combined 10.5 knots

RUNWAY ORIENTATION:	0.0	90.0 DEGREE
CROSSWIND COMPONENT:	10.5	10.5 KNOTS
TAILWIND COMPONENT:	60.0	60.0 KNOTS

WIND COVERAGE: 98.93 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	261	599	225	173	11	0	0	0	0	1269
20°	189	442	171	144	10	0	0	0	0	956
30°	144	461	243	236	22	1	0	0	0	1107
40°	161	588	412	543	51	0	0	0	0	1755
50°	179	786	716	1142	167	4	0	0	0	2994
60°	219	1010	1116	1747	273	2	0	0	0	4367
70°	210	1146	1178	1601	226	4	0	0	0	4365
80°	231	1440	1393	1655	150	2	0	0	0	4871
90°	246	1450	1609	1614	143	2	0	0	0	5064
100°	220	1508	1519	1547	127	3	1	0	0	4925
110°	224	1593	1545	1379	93	0	0	0	0	4834
120°	256	1481	1555	1357	62	1	0	0	0	4712
130°	230	1291	1284	1108	36	0	0	0	0	3949
140°	228	1094	939	811	37	0	0	0	0	3109
150°	248	991	675	634	40	0	0	0	0	2588
160°	227	878	580	466	24	0	0	0	0	2175
170°	204	616	489	376	20	0	0	0	0	1705
180°	191	575	311	260	17	1	0	0	0	1355
190°	196	559	206	142	9	1	0	0	0	1113
200°	202	481	220	143	18	0	0	0	0	1064
210°	170	442	190	149	28	1	0	0	0	980
220°	149	417	208	165	22	3	0	0	0	964
230°	120	453	219	192	32	2	0	0	0	1018
240°	128	591	309	216	49	1	0	0	0	1294
250°	152	627	277	221	36	0	1	0	0	1314
260°	117	524	239	213	27	0	0	0	0	1120
270°	120	455	208	180	35	1	0	0	0	999
280°	131	489	216	187	30	3	1	0	0	1057
290°	145	540	249	237	41	1	0	0	0	1213
300°	174	588	297	257	45	4	0	0	0	1365
310°	202	776	360	340	61	6	0	0	0	1745
320°	287	939	530	461	67	3	1	0	0	2288
330°	282	1114	694	491	62	5	1	0	0	2649
340°	322	1238	703	467	31	2	0	0	0	2763
350°	356	1170	519	278	17	0	0	0	0	2340
360°	345	1001	345	184	11	0	0	0	0	1886
Calm	14148									14148
TOTAL	21614	30353	21949	21316	2130	53	5	0	0	97420

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for VFR

TITLE: VFR Combined Windrose

RUNWAY ORIENTATION:	0.0	90.0 DEGREE
CROSSWIND COMPONENT:	13.0	13.0 KNOTS
TAILWIND COMPONENT:	60.0	60.0 KNOTS

WIND COVERAGE: 99.84 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	261	599	225	173	11	0	0	0	0	1269
20°	189	442	171	144	10	0	0	0	0	956
30°	144	461	243	236	22	1	0	0	0	1107
40°	161	588	412	543	51	0	0	0	0	1755
50°	179	786	716	1142	167	4	0	0	0	2994
60°	219	1010	1116	1747	273	2	0	0	0	4367
70°	210	1146	1178	1601	226	4	0	0	0	4365
80°	231	1440	1393	1655	150	2	0	0	0	4871
90°	246	1450	1609	1614	143	2	0	0	0	5064
100°	220	1508	1519	1547	127	3	1	0	0	4925
110°	224	1593	1545	1379	93	0	0	0	0	4834
120°	256	1481	1555	1357	62	1	0	0	0	4712
130°	230	1291	1284	1108	36	0	0	0	0	3949
140°	228	1094	939	811	37	0	0	0	0	3109
150°	248	991	675	634	40	0	0	0	0	2588
160°	227	878	580	466	24	0	0	0	0	2175
170°	204	616	489	376	20	0	0	0	0	1705
180°	191	575	311	260	17	1	0	0	0	1355
190°	196	559	206	142	9	1	0	0	0	1113
200°	202	481	220	143	18	0	0	0	0	1064
210°	170	442	190	149	28	1	0	0	0	980
220°	149	417	208	165	22	3	0	0	0	964
230°	120	453	219	192	32	2	0	0	0	1018
240°	128	591	309	216	49	1	0	0	0	1294
250°	152	627	277	221	36	0	1	0	0	1314
260°	117	524	239	213	27	0	0	0	0	1120
270°	120	455	208	180	35	1	0	0	0	999
280°	131	489	216	187	30	3	1	0	0	1057
290°	145	540	249	237	41	1	0	0	0	1213
300°	174	588	297	257	45	4	0	0	0	1365
310°	202	776	360	340	61	6	0	0	0	1745
320°	287	939	530	461	67	3	1	0	0	2288
330°	282	1114	694	491	62	5	1	0	0	2649
340°	322	1238	703	467	31	2	0	0	0	2763
350°	356	1170	519	278	17	0	0	0	0	2340
360°	345	1001	345	184	11	0	0	0	0	1886
Calm	14148									14148
TOTAL	21614	30353	21949	21316	2130	53	5	0	0	97420

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for VFR

TITLE: VFR RWY 01/19 10.5 knots

RUNWAY ORIENTATION: 0.0 DEGREE
 CROSSWIND COMPONENT: 10.5 KNOTS
 TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 84.94 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	261	599	225	173	11	0	0	0	0	1269
20°	189	442	171	144	10	0	0	0	0	956
30°	144	461	243	236	22	1	0	0	0	1107
40°	161	588	412	543	51	0	0	0	0	1755
50°	179	786	716	1142	167	4	0	0	0	2994
60°	219	1010	1116	1747	273	2	0	0	0	4367
70°	210	1146	1178	1601	226	4	0	0	0	4365
80°	231	1440	1393	1655	150	2	0	0	0	4871
90°	246	1450	1609	1614	143	2	0	0	0	5064
100°	220	1508	1519	1547	127	3	1	0	0	4925
110°	224	1593	1545	1379	93	0	0	0	0	4834
120°	256	1481	1555	1357	62	1	0	0	0	4712
130°	230	1291	1284	1108	36	0	0	0	0	3949
140°	228	1094	939	811	37	0	0	0	0	3109
150°	248	991	675	634	40	0	0	0	0	2588
160°	227	878	580	466	24	0	0	0	0	2175
170°	204	616	489	376	20	0	0	0	0	1705
180°	191	575	311	260	17	1	0	0	0	1355
190°	196	559	206	142	9	1	0	0	0	1113
200°	202	481	220	143	18	0	0	0	0	1064
210°	170	442	190	149	28	1	0	0	0	980
220°	149	417	208	165	22	3	0	0	0	964
230°	120	453	219	192	32	2	0	0	0	1018
240°	128	591	309	216	49	1	0	0	0	1294
250°	152	627	277	221	36	0	1	0	0	1314
260°	117	524	239	213	27	0	0	0	0	1120
270°	120	455	208	180	35	1	0	0	0	999
280°	131	489	216	187	30	3	1	0	0	1057
290°	145	540	249	237	41	1	0	0	0	1213
300°	174	588	297	257	45	4	0	0	0	1365
310°	202	776	360	340	61	6	0	0	0	1745
320°	287	939	530	461	67	3	1	0	0	2288
330°	282	1114	694	491	62	5	1	0	0	2649
340°	322	1238	703	467	31	2	0	0	0	2763
350°	356	1170	519	278	17	0	0	0	0	2340
360°	345	1001	345	184	11	0	0	0	0	1886
Calm	14148									14148
TOTAL	21614	30353	21949	21316	2130	53	5	0	0	97420

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for VFR

TITLE: VFR RWY 01/19 13.0 knots

RUNWAY ORIENTATION: 0.0 DEGREE
CROSSWIND COMPONENT: 13.0 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 92.02 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	261	599	225	173	11	0	0	0	0	1269
20°	189	442	171	144	10	0	0	0	0	956
30°	144	461	243	236	22	1	0	0	0	1107
40°	161	588	412	543	51	0	0	0	0	1755
50°	179	786	716	1142	167	4	0	0	0	2994
60°	219	1010	1116	1747	273	2	0	0	0	4367
70°	210	1146	1178	1601	226	4	0	0	0	4365
80°	231	1440	1393	1655	150	2	0	0	0	4871
90°	246	1450	1609	1614	143	2	0	0	0	5064
100°	220	1508	1519	1547	127	3	1	0	0	4925
110°	224	1593	1545	1379	93	0	0	0	0	4834
120°	256	1481	1555	1357	62	1	0	0	0	4712
130°	230	1291	1284	1108	36	0	0	0	0	3949
140°	228	1094	939	811	37	0	0	0	0	3109
150°	248	991	675	634	40	0	0	0	0	2588
160°	227	878	580	466	24	0	0	0	0	2175
170°	204	616	489	376	20	0	0	0	0	1705
180°	191	575	311	260	17	1	0	0	0	1355
190°	196	559	206	142	9	1	0	0	0	1113
200°	202	481	220	143	18	0	0	0	0	1064
210°	170	442	190	149	28	1	0	0	0	980
220°	149	417	208	165	22	3	0	0	0	964
230°	120	453	219	192	32	2	0	0	0	1018
240°	128	591	309	216	49	1	0	0	0	1294
250°	152	627	277	221	36	0	1	0	0	1314
260°	117	524	239	213	27	0	0	0	0	1120
270°	120	455	208	180	35	1	0	0	0	999
280°	131	489	216	187	30	3	1	0	0	1057
290°	145	540	249	237	41	1	0	0	0	1213
300°	174	588	297	257	45	4	0	0	0	1365
310°	202	776	360	340	61	6	0	0	0	1745
320°	287	939	530	461	67	3	1	0	0	2288
330°	282	1114	694	491	62	5	1	0	0	2649
340°	322	1238	703	467	31	2	0	0	0	2763
350°	356	1170	519	278	17	0	0	0	0	2340
360°	345	1001	345	184	11	0	0	0	0	1886
Calm	14148									14148
TOTAL	21614	30353	21949	21316	2130	53	5	0	0	97420

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for VFR

TITLE: VFR RWY 10-28 10.5 knots

RUNWAY ORIENTATION: 90.0 DEGREE
CROSSWIND COMPONENT: 10.5 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 94.01 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	261	599	225	173	11	0	0	0	0	1269
20°	189	442	171	144	10	0	0	0	0	956
30°	144	461	243	236	22	1	0	0	0	1107
40°	161	588	412	543	51	0	0	0	0	1755
50°	179	786	716	1142	167	4	0	0	0	2994
60°	219	1010	1116	1747	273	2	0	0	0	4367
70°	210	1146	1178	1601	226	4	0	0	0	4365
80°	231	1440	1393	1655	150	2	0	0	0	4871
90°	246	1450	1609	1614	143	2	0	0	0	5064
100°	220	1508	1519	1547	127	3	1	0	0	4925
110°	224	1593	1545	1379	93	0	0	0	0	4834
120°	256	1481	1555	1357	62	1	0	0	0	4712
130°	230	1291	1284	1108	36	0	0	0	0	3949
140°	228	1094	939	811	37	0	0	0	0	3109
150°	248	991	675	634	40	0	0	0	0	2588
160°	227	878	580	466	24	0	0	0	0	2175
170°	204	616	489	376	20	0	0	0	0	1705
180°	191	575	311	260	17	1	0	0	0	1355
190°	196	559	206	142	9	1	0	0	0	1113
200°	202	481	220	143	18	0	0	0	0	1064
210°	170	442	190	149	28	1	0	0	0	980
220°	149	417	208	165	22	3	0	0	0	964
230°	120	453	219	192	32	2	0	0	0	1018
240°	128	591	309	216	49	1	0	0	0	1294
250°	152	627	277	221	36	0	1	0	0	1314
260°	117	524	239	213	27	0	0	0	0	1120
270°	120	455	208	180	35	1	0	0	0	999
280°	131	489	216	187	30	3	1	0	0	1057
290°	145	540	249	237	41	1	0	0	0	1213
300°	174	588	297	257	45	4	0	0	0	1365
310°	202	776	360	340	61	6	0	0	0	1745
320°	287	939	530	461	67	3	1	0	0	2288
330°	282	1114	694	491	62	5	1	0	0	2649
340°	322	1238	703	467	31	2	0	0	0	2763
350°	356	1170	519	278	17	0	0	0	0	2340
360°	345	1001	345	184	11	0	0	0	0	1886
Calm	14148									14148
TOTAL	21614	30353	21949	21316	2130	53	5	0	0	97420

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

Standard Wind Analysis Results for VFR

TITLE: VFR RWY 10-28 13 knots

RUNWAY ORIENTATION: 90.0 DEGREE
CROSSWIND COMPONENT: 13.0 KNOTS
TAILWIND COMPONENT: 60.0 KNOTS

WIND COVERAGE: 97.41 %

HOURLY OBSERVATIONS OF WIND SPEED (KNOTS)										
DIRECTION	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	> 41	TOTAL
10°	261	599	225	173	11	0	0	0	0	1269
20°	189	442	171	144	10	0	0	0	0	956
30°	144	461	243	236	22	1	0	0	0	1107
40°	161	588	412	543	51	0	0	0	0	1755
50°	179	786	716	1142	167	4	0	0	0	2994
60°	219	1010	1116	1747	273	2	0	0	0	4367
70°	210	1146	1178	1601	226	4	0	0	0	4365
80°	231	1440	1393	1655	150	2	0	0	0	4871
90°	246	1450	1609	1614	143	2	0	0	0	5064
100°	220	1508	1519	1547	127	3	1	0	0	4925
110°	224	1593	1545	1379	93	0	0	0	0	4834
120°	256	1481	1555	1357	62	1	0	0	0	4712
130°	230	1291	1284	1108	36	0	0	0	0	3949
140°	228	1094	939	811	37	0	0	0	0	3109
150°	248	991	675	634	40	0	0	0	0	2588
160°	227	878	580	466	24	0	0	0	0	2175
170°	204	616	489	376	20	0	0	0	0	1705
180°	191	575	311	260	17	1	0	0	0	1355
190°	196	559	206	142	9	1	0	0	0	1113
200°	202	481	220	143	18	0	0	0	0	1064
210°	170	442	190	149	28	1	0	0	0	980
220°	149	417	208	165	22	3	0	0	0	964
230°	120	453	219	192	32	2	0	0	0	1018
240°	128	591	309	216	49	1	0	0	0	1294
250°	152	627	277	221	36	0	1	0	0	1314
260°	117	524	239	213	27	0	0	0	0	1120
270°	120	455	208	180	35	1	0	0	0	999
280°	131	489	216	187	30	3	1	0	0	1057
290°	145	540	249	237	41	1	0	0	0	1213
300°	174	588	297	257	45	4	0	0	0	1365
310°	202	776	360	340	61	6	0	0	0	1745
320°	287	939	530	461	67	3	1	0	0	2288
330°	282	1114	694	491	62	5	1	0	0	2649
340°	322	1238	703	467	31	2	0	0	0	2763
350°	356	1170	519	278	17	0	0	0	0	2340
360°	345	1001	345	184	11	0	0	0	0	1886
Calm	14148									14148
TOTAL	21614	30353	21949	21316	2130	53	5	0	0	97420

SOURCE: "722037 NORTH PERRY AIRPORT ANNUAL PERIOD RECORD 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016"

REFERENCE: Appendix 1 of AC 150/5300-13, Airport Design, including Changes 1 through 17.

