

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 11/02/2004

PROJECT NUMBER: 320
 ARPT IDENTIFIER: PHL
 ARPT NAME: PHILADELPHIA INTERNATIONAL AIRPORT
 CITY: PHILADELPHIA
 STATE: PENNSYLVANIA
 ARPT ELEVATION: 36.1
 AIRPORT REFERENCE POINT

SITE NUMBER: 21217.A
 SURVEY DATE: 08/04/2003
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 115.0
 DECLINATION: 12.4W

DISTANCE FROM RWY END: 26+0
 LATITUDE: 395219.0
 LONGITUDE: -751428.1

RUNWAY INFORMATION

RUNWAY: 8/26 LENGTH: 5000 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
8	395242.0165	-751348.0433	9.4	753007	20.4				
26	395254.3831	-751245.9439	36.1	2553046	36.1				

PROFILE DATA

DISTANCES FROM APPROACH END 8

DISTANCES FROM APPROACH END 26

DISTANCE	ELEV
0	9.4
1095	8.7
1696	10.3
5000	36.1

DISTANCE	ELEV
0	36.1
3304	10.3
3906	8.7
5000	9.4

RUNWAY: 9L/27R LENGTH: 9500 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
9L	395207.2558	-751520.3907	13.2	752817	13.2				
27R	395230.7913	-751322.4377	10.6	2552932	10.7				

DISTANCES FROM APPROACH END 9L

DISTANCE	ELEV
0	13.2
2057	9.1
6508	8.5
7650	10.1
9500	10.6

DISTANCES FROM APPROACH END 27R

DISTANCE	ELEV
0	10.6
1850	10.1
2992	8.5
7443	9.1
9500	13.2

RUNWAY: 9R/27L LENGTH: 10506 WIDTH: 200 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
9R	395138.9176	-751630.6995	20.3	752800
27L	395204.9521	-751420.2695	9.1	2552924

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
20.6				
9.9				

PROFILE DATA

DISTANCES FROM APPROACH END 9R

DISTANCE	ELEV
0	20.3
5487	9.9
10506	9.1

DISTANCES FROM APPROACH END 27L

DISTANCE	ELEV
0	9.1
5020	9.9
10506	20.3

RUNWAY: 17/35 LENGTH: 5460 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
17	395309.6919	-751407.0062	8.6	1590342
35	395219.2953	-751341.9803	8.6	3390358

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
10.2				
10.2				

DISTANCES FROM APPROACH END 17

DISTANCE	ELEV
0	8.6
4711	10.1
5460	8.6

DISTANCES FROM APPROACH END 35

DISTANCE	ELEV
0	8.6
749	10.1
5460	8.6

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NAVIGATIONAL AID INFORMATION

ELECTRONIC		LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR	(PHL)	395133.0327	-751600.2902	9.0		
DME	(9L)	395235.4710	-751311.5106	20.4		
DME	(9R)	395209.7511	-751407.7346	17.8		
DME	(26)	395242.2202	-751332.3801	19.0		
GS	(9L)	395206.0272	-751506.0630	9.0		
GS	(9L) PP	395209.8594	-751507.3516	11.2	401R	1050
GS	(9R)	395137.8230	-751615.7286	13.5		
GS	(9R) PP	395141.6511	-751617.0161	19.1	400R	1102
GS	(17)	395259.2825	-751405.2689	6.1		
GS	(17) PP	395300.1651	-751402.2746	8.3	250R	1032
GS	(26)	395249.3727	-751258.3484	21.7		
GS	(26) PP	395251.7546	-751259.1474	27.9	249L	1063
GS	(27L)	395158.7053	-751431.1355	8.9		
GS	(27L) PP	395202.5288	-751432.4198	9.8	400L	979
GS	(27R)	395224.0522	-751335.8141	7.6		
GS	(27R) PP	395227.8686	-751337.0960	10.2	399L	1180
IM	(9R)	395136.7356	-751641.5793			877
LOC	(9L)	395233.3873	-751309.4036	7.5		1050
LOC	(9R)	395207.4253	-751407.8829	7.4		998
LOC	(17)	395206.8805	-751335.8193	11.7		1345
LOC	(26)	395242.3825	-751331.8285	5.5		
LOC	(26) PP	395245.0671	-751332.7294		281L	-1233
LOC	(27L)	395136.2659	-751643.9482	6.6		1067
LOC	(27R)	395204.7489	-751532.9266	8.9		1010
LOM	(27R)	395404.4297	-750541.5051			37158
MM	(9L)	395200.3626	-751554.9628			2784
MM	(9R)	395131.8206	-751706.7158			2899
OM	(9L)	395029.3447	-752257.4387			36995
OM	(9R)	395029.3447	-752257.4387			30973
OM	(17)	395830.9733	-751644.2115			34740

VISUAL	LATITUDE	LONGITUDE
ALS (9L)		
ALS (9R)		
ALS (17)		
ALS (26)		
ALS (27L)		
ALS (27R)		
APBN	395233.0561	-751438.7950
PAPI (9L)		
PAPI (17)		
PAPI (26)		
PAPI (27L)		
PAPI (27R)		
REIL (9L)		
REIL (35)		
VASI (35)		

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OBSTRUCTION INFORMATION

8 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	395252.39	-751243.10	1A	41		32	21	5	-5164		251R	5
TREE	395250.21	-751247.08	1A	41		32	21	5	-4809		386R	7
ROD ON OL GS	395249.37	-751258.35	1A	74		65	54	38	-3937		249R	47
BUSH	395246.16	-751305.21	1A	38		29	18	2	-3338		430R	15
BUSH	395244.56	-751309.56	1A	38		29	18	2	-2969		*502R	17
TREE	395244.18	-751314.02	1A	31		22	11	-5	-2623		452R	14
OL ON DME	395242.22	-751332.38	1A	23		14	3	-13	-1187		286R	14
OL LT POLE	395237.58	-751404.64	1A	47		38	27	11	1365		111R	3
ANT AND APBN ON OL BLDG	395233.06	-751438.80	1A	140		131	120	104	4058		113L	17
OL ON BLDG	395232.65	-751445.43	1A	199		190	179	163	4569		203L	61
TREE	395208.83	-751531.30	1A	21		12	1	-15	8635		1235R	-237
GRD	395209.10	-751534.57	1A	30		21	10	-6	8875		1144R	-235
BUSH	395207.54	-751540.27	1A	44		35	24	8	9345		1185R	-235
VESSEL (A8)												

26 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON DME	395242.22	-751332.38	1A	23		-13	-13	-13	-3813		286L	14
TREE	395244.18	-751314.02	1A	31		-5	-5	-5	-2377		452L	14
BUSH	395244.56	-751309.56	1A	38		2	2	2	-2031		*502L	17
BUSH	395246.16	-751305.21	1A	38		2	2	2	-1663		430L	15
ROD ON OL GS	395249.37	-751258.35	1A	74		38	38	38	-1063		249L	47
TREE	395250.21	-751247.08	1A	41		5	5	5	-191		386L	7
FENCE	395252.39	-751243.10	1A	41		5	5	5	164		251L	5
FENCE	395257.50	-751243.87	1A	41		5	5	5	235		265R	4
FENCE	395252.47	-751241.88	1A	41		5	5	5	258		267L	3
FENCE	395257.61	-751242.68	1A	41		5	5	5	328		252R	2

OBSTRUCTION INFORMATION (CONTINUED)

ADSPA320

26 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	395254.25	-751210.18	1A	97		61	61	61	2696		711L	11
TREE	395254.68	-751208.65	1A	99		63	63	63	2822		698L	11
MOBILE CRANE	395305.43	-751132.58	1M	197		161	161	161	5817		348L	48
MOBILE CRANE	395308.18	-751127.27	2M	217	212	181	181	181	6287		182L	59

9L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	395224.05	-751335.81	1A	53		40	40	17	-8319		399R	43
OL ON LTD WSK	395207.26	-751506.27	1A	31		18	18	-5	-1066		276R	20
OL ON GS	395206.03	-751506.06	1A	41		28	28	5	-1050		401R	30
TREE	395208.83	-751531.30	1A	21		8	8	-15	784		367L	-4
ANT ON BLDG	395200.86	-751529.80	1A	26		13	13	-10	873		442R	-1
GRD	395209.10	-751534.57	1A	30		17	17	-6	1023		458L	0
BUSH	395207.54	-751540.27	1A	44		31	31	8	1494		417L	5
TREE	395145.88	-751634.70	1A	54		41	41	18	6151		639R	-79
TREE	395145.03	-751636.10	1A	48		35	35	12	6279		695R	-87
TREE	395143.64	-751635.68	1A	31		18	18	-5	6283		840R	-104
TREE	395141.49	-751636.74	1A	31		18	18	-5	6418		1030R	-107
TREE	395143.74	-751638.30	1A	48		35	35	12	6478		779R	-91
TREE	395143.23	-751639.72	1A	49		36	36	13	6598		801R	-93
TREE	395139.63	-751641.62	1A	43		30	30	7	6833		1116R	-103
TREE	395138.58	-751642.52	1A	39		26	26	3	6928		1201R	-108
OL ON LOC	395136.27	-751643.95	1A	29		16	16	-7	7094		1400R	-122
TREE	395136.59	-751650.19	1A	48		35	35	12	7557		1246R	-113
ANT ON TK	395154.00	-751712.86	1A	175		162	162	139	8826		903L	-11
OL TK	395147.69	-751733.22	1A	184		171	171	148	10522		684L	-37
VESSEL (A9L)												

27R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	395206.03	-751506.06	1A	41		30	30	5	-8450		401L	30
OL ON LTD WSK	395207.26	-751506.27	1A	31		20	20	-5	-8434		276L	20
OL ON GS	395224.05	-751335.81	1A	53		42	42	17	-1180		399L	43
ELEC EQUIP	395227.74	-751316.78	1A	14		3	3	-22	349		409L	0
ELEC EQUIP	395229.03	-751316.11	1A	14		3	3	-22	433		296L	-1
OL ON DME	395235.47	-751311.51	1A	24		13	13	-12	943		245R	-2
LT POLE	395227.33	-751303.92	1A	36		25	25	0	1310		*701L	3
TREE	395229.30	-751256.47	1A	41		30	30	5	1922		653L	-4
TREE	395228.49	-751251.05	1A	46		35	35	10	2311		*838L	-6
TREE	395233.90	-751249.86	1A	58		47	47	22	2537		332L	1
FLGPL	395231.56	-751244.25	1A	63		52	52	27	2902		670L	-2
ANT	395233.07	-751234.05	1A	77		66	66	41	3710		722L	-4
TREE	395254.25	-751210.18	1A	97		86	86	61	6048		887R	-30
TREE	395254.68	-751208.65	1A	99		88	88	63	6174		900R	-31
MOBILE CRANE	395305.43	-751132.58	1M	197		186	186	161	9169		1250R	7
MOBILE CRANE	395308.18	-751127.27	2M	217	212	206	206	181	9640		1415R	18
VESSEL (A27R)												

9R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	395159.39	-751421.29	1A	17		-3	-4	-19	-10288		*525R	8
OL ON GS	395158.71	-751431.14	1A	56		36	35	20	-9528		400R	47
TREE	395143.08	-751543.50	1A	26		6	5	-10	-3669		*515R	13
TREE	395141.03	-751554.15	1A	29		9	8	-7	-2812		*508R	14
OL GS	395137.82	-751615.73	1A	47		27	26	11	-1102		400R	29
TREE	395141.49	-751636.74	1A	31		11	10	-5	391		370L	7
TREE	395143.23	-751639.72	1A	49		29	28	13	571		*599L	21
RR	395131.54	-751638.06	1A	30		10	9	-6	743		578R	-1
TREE	395139.63	-751641.62	1A	43		23	22	7	806		284L	10
TREE	395138.58	-751642.52	1A	39		19	18	3	901		199L	5
OL ON LOC	395136.27	-751643.95	1A	29		9	8	-7	1067		0R	-9
TREE	395136.59	-751650.19	1A	48		28	27	12	1530		154L	1
VESSEL (A9R)												

27L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL GS	395137.82	-751615.73	1A	47		38	37	11	-9404		400L	29
TREE	395141.03	-751554.15	1A	29		20	19	-7	-7694		*508L	14
TREE	395143.08	-751543.50	1A	26		17	16	-10	-6837		*515L	13
OL ON GS	395158.71	-751431.14	1A	56		47	46	20	-979		400L	47
TREE	395159.39	-751421.29	1A	17		8	7	-19	-218		*525L	8
OL ON DME	395209.75	-751407.73	1A	22		13	12	-14	1068		225R	-5
TREE	395204.07	-751339.78	1A	46		37	36	10	3034		877L	-19
OL ON GS	395224.05	-751335.81	1A	53		44	43	17	3840		1003R	-29
TREE	395208.56	-751330.07	1A	45		36	35	9	3881		627L	-38
TREE	395211.42	-751328.66	1A	47		38	37	11	4059		375L	-39
ROD ON OL RTR TWR	395218.91	-751327.86	1A	66		57	56	30	4310		344R	-26
OL BLDG	395224.84	-751318.40	1A	23		14	13	-13	5174		740R	-86
OL ON TWR	395208.07	-751310.51	1A	144		135	134	108	5345		1057L	33
ELEC EQUIP	395227.74	-751316.78	1A	14		5	4	-22	5370		993R	-99
ELEC EQUIP	395229.03	-751316.11	1A	14		5	4	-22	5453		1106R	-100
LT POLE	395227.33	-751303.92	1A	36		27	26	0	6331		702R	-96
OL ON TWR	395214.37	-751259.20	1A	143		134	133	107	6358		660L	11
TREE	395229.30	-751256.47	1A	41		32	31	5	6943		749R	-103
TREE	395228.49	-751251.05	1A	46		37	36	10	7331		564R	-105
TREE	395233.90	-751249.86	1A	58		49	48	22	7558		1070R	-98
FLGPL	395231.56	-751244.25	1A	63		54	53	27	7923		732R	-101
ANT	395233.07	-751234.05	1A	77		68	67	41	8730		681R	-103
VESSEL (A27L)												

17 PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	395259.28	-751405.27	1A	52		43	42	16	-1032		250R	44
LT POLE	395319.11	-751419.39	1A	58		49	48	22	1235		561R	29
TREE	395324.99	-751417.43	1A	52		43	42	16	1736		205R	13
SIGN	395324.88	-751425.31	1A	58		49	48	22	1945		*783R	15
SIGN	395330.79	-751408.64	1A	62		53	52	26	2040		644L	17
FLGPL	395336.29	-751417.46	1A	68		59	58	32	2805		201L	7
TREE	395334.22	-751427.68	1A	81		72	71	45	2893		618R	19
OL TRMSN POLE	395347.62	-751425.49	1A	93		84	83	57	4099		26L	6

OBSTRUCTION INFORMATION (CONTINUED)

ADSPA320

17 PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL TRMSN POLE	395359.00	-751415.13	1A	129		120	119	93	4886		1191L	27
ROD ON STK	395454.42	-751450.24	1A	217	201	208	207	181	11101		641L	-14

35 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	395259.28	-751405.27	1A	52		43	42	16	-4428		250L	44
TREE	395208.56	-751330.07	1A	45		36	35	9	1346		479R	3
TREE	395204.07	-751339.78	1A	46		37	36	10	1500		390L	-1
VESSEL (A35)												

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL AMOM	395206.99	-751444.51	1A	36		0		23852	1765	2
WDI	395205.56	-751446.76	1A	22		-14		23920	1992	2
TREE	395159.39	-751421.29	1A	17		-19		17724	2054	5
TREE	395157.07	-751430.39	1A	21		-15		19700	2226	1
BLDG	395244.35	-751428.07	1B	130		94		1227	2566	16
TREE	395154.92	-751441.11	1A	28		-8		21459	2640	8
OL ON DOME	395149.62	-751431.43	1A	107		71		19723	2984	-14
ANT ON BLDG	395201.37	-751357.26	1A	45		9		13858	2994	-5
TREE	395152.88	-751451.12	1A	26		-10		22635	3195	6
ANT ON OL ATCT	395155.01	-751358.68	1A	146		110		14901	3340	11
OL ON LT POLE	395150.10	-751455.95	1A	47		11		22900	3642	1
ROD ON OL RTR TWR	395201.38	-751344.72	1A	77		41		13011	3824	2
TREE	395150.15	-751504.51	1A	26		-10		23636	4072	4
TREE	395211.42	-751328.66	1A	47		11		11148	4697	2
TREE	395147.72	-751517.05	1A	27		-9		24244	4959	6
TREE	395208.83	-751531.30	1A	21		-15		27036	5034	-165
ANT ON OL HGR	395251.45	-751338.34	1A	54		18		6209	5083	12
OL ON LT	395145.74	-751517.79	1A	47		11		24125	5132	0
LT POLE	395308.80	-751415.50	1A	56		20		2325	5134	26

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
POLE		395157.26	-751527.99	1A	26		-10		25711	5162	5
GRD		395209.10	-751534.57	1A	30		-6		27128	5278	-156
TREE		395157.16	-751534.14	1A	42		6		25910	5604	5
ANT ON OL BLDG		395308.88	-751356.87	1A	84		48		3809	5604	46
LT POLE		395314.09	-751419.53	1A	59		23		1913	5615	15
LT POLE		395315.65	-751428.81	1A	138		102		1151	5733	6
BUSH		395207.54	-751540.27	1A	44		8		27046	5746	-142
BUSH		395240.76	-751319.76	1A	34		-2		7956	5766	-4
TREE		395238.32	-751317.11	1A	26		-10		8256	5870	-3
ANT ON OL BLDG		395319.86	-751356.87	1A	114		78		3358	6622	20
BUSH		395244.56	-751309.56	1A	38		2		7930	6647	17
SIGN		395324.88	-751425.31	1A	58		22		1416	6670	12
TREE		395254.55	-751315.71	1A	43		7		6952	6693	11
TREE		395143.08	-751543.50	1A	26		-10		25041	6912	11
LT POLE		395328.23	-751405.49	1A	52		16		2631	7223	5
LT POLE		395332.44	-751405.55	1A	83		47		2542	7637	16
LT POLE		395332.28	-751400.25	1A	131		95		2843	7727	9
TREE		395141.03	-751554.15	1A	29		-7		25236	7732	13
OL TRMSN POLE		395335.86	-751436.20	1A	128		92		745	7803	27
ASR		395133.03	-751600.29	1A	112		76		24930	8562	0
TREE		395137.34	-751606.00	1A	41		5		25330	8720	5
TREE		395143.64	-751635.68	1A	31		-5		26237	10572	2
TK		395036.01	-751357.92	1A	173		137		17940	10684	-13
TREE		395143.74	-751638.30	1A	48		12		26302	10761	10
LT POLE		395132.02	-751632.04	1A	37		1		25613	10770	-4
TREE		395143.23	-751639.72	1A	49		13		26259	10883	15
LT ON TWR		395040.01	-751527.91	1A	233	215	197		21722	11049	47
OL ON BRDG		395351.97	-751241.88	1A	206	207	170		5344	12532	20
STK		395019.43	-751522.06	1A	284	270	248		21135	12810	98
STK		395410.02	-751243.02	1A	209	204	173		4829	13903	23
STK		395402.66	-751223.23	1A	209	204	173		5515	14310	23
MOBILE CRANE		395305.43	-751132.58	1M	197		161		8326	14468	11
OL ON BRDG		395333.97	-751148.84	1A	205	206	169		7057	14549	19
OL TK		395147.69	-751733.22	1A	184		148		27002	14778	-2
MOBILE CRANE		395308.18	-751127.27	2M	217	212	181		8256	14950	31
BLDG		395351.39	-751155.44	2A	221	216	185		6414	15134	35
STK		395433.02	-751245.47	1A	209	200	173		4255	15745	23

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
STK		395431.59	-751238.37	1A	259	250	223		4454	15911	73
OL ON TWR		395501.15	-751315.73	2A	254	234	218		3122	17351	-20
VESSEL (HCT)											

ADDITIONAL INFORMATION:

. OBSTRUCTIONS WITH AN ACCURACY CODE OF 1B WERE PHOTOGRAMMETRICALLY DETERMINED. POSITIONS ARE CURRENT AS OF DATE OF PHOTOGRAPHY (6-SEPTEMBER-2003).

AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT [HTTP://WWW.NGS.NOAA.GOV](http://www.ngs.noaa.gov).

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".

AN ASTERISK "*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.