

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 03/02/2001

PROJECT NUMBER: 330
 ARPT IDENTIFIER: PDX
 ARPT NAME: PORTLAND INTERNATIONAL AIRPORT
 CITY: PORTLAND
 STATE: OREGON
 ARPT ELEVATION: 30.1
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 28R+751
 LATITUDE: 453519.4
 LONGITUDE: -1223551.0

SITE NUMBER: 19571.A
 SURVEY DATE: 11/09/1999
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 257.0
 DECLINATION: 18.3E

RUNWAY INFORMATION

RUNWAY: 3/21 LENGTH: 7001 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
 GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
3	453456.7264	-1223700.5305	21.5	450045
21	453545.5862	-1223550.8930	26.7	2250135

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV
363	453459.2592	-1223656.9219	21.6
680	453540.8400	-1223557.6598	26.6

PROFILE DATA

DISTANCES FROM APPROACH END 3

DISTANCE	ELEV
0	21.5
363	21.6
2489	21.7
3620	23.9
4339	23.5
6321	26.6
7001	26.7

DISTANCES FROM APPROACH END 21

DISTANCE	ELEV
0	26.7
680	26.6
2662	23.5
3382	23.9
4513	21.7
6638	21.6
7001	21.5

RUNWAY: 10L/28R LENGTH: 8000 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
10L	453541.2770	-1223544.1934	29.0	1190136	29.7				
28R	453502.9418	-1223405.8388	28.7	2990246	30.1				

PROFILE DATA

DISTANCES FROM APPROACH END 10L

DISTANCES FROM APPROACH END 28R

DISTANCE	ELEV
0	29.0
2077	29.7
5373	27.2
7249	30.1
8000	28.7

DISTANCE	ELEV
0	28.7
751	30.1
2627	27.2
5923	29.7
8000	29.0

RUNWAY: 10R/28L LENGTH: 11000 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
10R	453542.5347	-1223717.3022	22.4	1190019	23.7				
28L	453449.8531	-1223502.0463	22.5	2990156	22.6				

PROFILE DATA

DISTANCES FROM APPROACH END 10R

DISTANCES FROM APPROACH END 28L

DISTANCE	ELEV
0	22.4
4291	23.9
11000	22.5

DISTANCE	ELEV
0	22.5
6709	23.9
11000	22.4

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (PDX)	453511.7941	-1223736.6719	23.3		
DME (10L/28R)	453551.0068	-1223600.7615	45.1		
DME (10R/28L)	453446.7385	-1223445.2294	36.0		
DME (21)	453452.4772	-1223701.5015	32.5		
GS (10L)	453539.7602	-1223530.1707	30.8		
GS (10L) PP	453536.7430	-1223532.5558	29.5	350L	946
GS (10R)	453533.9026	-1223707.2471	16.1		
GS (10R) PP	453537.5113	-1223704.3970	22.4	418R	1049
GS (28L)	453452.6331	-1223516.7121	19.9		
GS (28L) PP	453454.8775	-1223514.9382	22.5	260L	1049
GS (28R)	453503.6373	-1223425.0122	23.0		
GS (28R) PP	453508.8199	-1223420.9137	29.1	600L	1226
IM (10R)	453546.7091	-1223728.0266			872
LOC (10L)	453458.1067	-1223353.4407	28.9		1009
LOC (10R)	453443.5268	-1223445.8188	19.5		1320
LOC (21)	453454.3798	-1223703.8647	16.4		336
LOC (28L)	453550.5155	-1223737.8096	24.8		1667
LOC (28R)	453548.4369	-1223602.5884	25.6		1496
LOM (28R)	453228.0580	-1222744.7808			31324
MM (10R)	453558.1319	-1223757.3876			3259
TACAN (BTG)	454451.6276	-1223532.2693	253.3		
TACAN (CBU)	453519.0716	-1223640.5087	22.1		
VOR (BTG)	454452.1197	-1223529.5316	253.3		
VOR/DME(PDX)	453537.3037	-1223622.5740	23.3		

VISUAL	LATITUDE	LONGITUDE
ALS (10L)		
ALS (10R)		
ALS (28L)		
ALS (28R)		

VISUAL	LATITUDE	LONGITUDE
APBN	453438.1475	-1223506.3203
PAPI (3)		
PAPI (10L)		
PAPI (21)		
PAPI (28R)		
REIL (21)		
VASI (28L)		

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OBSTRUCTION INFORMATION

3 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	453533.16	-1223603.26	1A	35		13	11	5	-5490	-5127	*269R	9
OL ON WSK	453505.70	-1223653.34	1A	32		10	8	2	-1004	-641	*281L	11
OL ON LOC	453454.38	-1223703.86	1A	25		3	1	-5	336	699	0R	-3
OL ON DME	453452.48	-1223701.50	1A	37		15	13	7	353	716	256R	8
TREE	453448.72	-1223715.36	1A	71		49	47	41	1320	1683	172L	-7
TREE	453446.61	-1223718.05	1A	95		73	71	65	1606	1969	156L	3
TREE	453443.96	-1223721.73	1A	106		84	82	76	1981	2344	151L	-5
TREE	453442.49	-1223720.10	1A	104		82	80	74	2004	2366	35R	-7

21 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	453505.70	-1223653.34	1A	32		5	5	2	-5997	-5317	*281R	11
OL ON WSK	453533.16	-1223603.26	1A	35		8	8	5	-1512	-831	*269L	9
RD(N)	453551.03	-1223548.93	1A	45		18	18	15	489	1169	291R	10
SIGN ON LEVEE	453551.64	-1223548.57	1A	47		20	20	17	550	1230	*317R	10
SIGN ON LEVEE	453550.34	-1223544.69	1A	48		21	21	18	652	1332	29R	8
OL ON LEVEE	453549.48	-1223542.17	1A	47		20	20	17	717	1398	159L	5
TREE	453634.99	-1223454.59	1A	260		233	233	230	6369	7049	711R	52
TREE	453638.96	-1223457.24	1A	244		217	217	214	6519	7199	1129R	32
TREE	453628.74	-1223434.40	1A	264		237	237	234	6937	7617	751L	39
TREE	453639.57	-1223439.52	1A	294		267	267	264	7454	8135	283R	54
TREE	453646.46	-1223435.70	1A	387		360	360	357	8140	8820	585R	127
TREE	453639.20	-1223415.37	1A	364		337	337	334	8643	9323	957L	89
TREE	453654.56	-1223435.20	1A	415		388	388	385	8745	9425	1140R	137
TREE	453641.85	-1223416.58	1A	359		332	332	329	8772	9452	706L	81
TREE	453656.71	-1223436.16	1A	423		396	396	393	8850	9531	1342R	142
TREE	453655.60	-1223428.44	1A	416		389	389	386	9159	9839	875R	126

21 C (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	453650.55	-1223418.17	1A	413		386	386	383	9314	9995	3L	118
VESSEL (A21)												

10L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	453507.15	-1223402.39	1A	39		10	9	9	-8007		492L	11
OL ON WSK	453505.20	-1223419.62	1A	35		6	5	5	-7032		276R	5
TMOM	453511.64	-1223418.70	1A	45		16	15	15	-6773		326L	16
TMOM	453525.13	-1223452.63	1A	46		17	16	16	-4000		349L	18
ROD ON OL GS	453539.76	-1223530.17	1A	78		49	48	48	-946		350L	49
OL ON LOC	453548.44	-1223602.59	1A	33		4	3	3	1496		0R	-22
ANT AT OL DME	453551.01	-1223600.76	1A	51		22	21	21	1508		290L	-4
ROD ON OL AMOM	453542.44	-1223608.73	1A	60		31	30	30	1583		*743R	4
TREE	453550.17	-1223622.66	1A	68		39	38	38	2828		540R	-14
ANT ON OL BLDG	453548.73	-1223630.94	1A	73		44	43	43	3273		953R	-18
VESSEL (A10L)												

28R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	453539.76	-1223530.17	1A	78		49	48	48	-7054		350R	49
TMOM	453525.13	-1223452.63	1A	46		17	16	16	-4000		349R	18
TMOM	453511.64	-1223418.70	1A	45		16	15	15	-1227		326R	16
OL ON WSK	453505.20	-1223419.62	1A	35		6	5	5	-968		276L	5
GRD	453507.15	-1223402.39	1A	39		10	9	9	7		492R	11
RD(N)	453506.18	-1223359.60	1A	60		31	30	30	229		502R	31
OL ON LOC	453458.11	-1223353.44	1A	36		7	6	6	1009		0R	-8
RD(N)	453500.27	-1223348.09	1A	60		31	30	30	1235		377R	11
LT POLE	453450.65	-1223342.14	1A	49		20	19	19	2078		270L	-18
POLE	453446.92	-1223332.68	1A	64		35	34	34	2850		274L	-17

10R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	453452.63	-1223516.71	1A	52		30	28	22	-9951		260R	30
OL ON GS	453533.90	-1223707.25	1A	63		41	39	33	-1049		418R	41
OL ON WSK	453539.98	-1223703.27	1A	29		7	5	-1	-998		257L	6
ROD ON BLDG	453545.75	-1223731.93	1A	32		10	8	2	1068		219R	-8
OL ON LOC	453550.52	-1223737.81	1A	32		10	8	2	1667		0R	-19
ANT ON BLDG	453547.37	-1223741.85	1A	43		21	19	13	1764		418R	-11
TREE	453601.84	-1223747.46	1A	86		64	62	56	2824		670L	11
POLE	453601.72	-1223755.75	1A	86		64	62	56	3333		374L	1
TREE	453555.27	-1223806.78	1A	105		83	81	75	3702		578R	13
TREE	453602.32	-1223803.99	1A	92		70	68	62	3875		143L	-4
TREE	453559.88	-1223807.30	1A	106		84	82	76	3961		187R	8
TREE	453602.43	-1223815.95	1A	117		95	93	87	4625		259R	6
VESSEL (A10R)												

28L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON WSK	453539.98	-1223703.27	1A	29		7	6	-1	-10002		257R	6
OL ON GS	453533.90	-1223707.25	1A	63		41	40	33	-9951		418L	41
ROD ON OL GS	453452.63	-1223516.71	1A	52		30	29	22	-1049		260L	30
OL ON DME	453446.74	-1223445.23	1A	40		18	17	10	1199		305R	-2
OL ON LT POLE	453438.92	-1223438.96	1A	59		37	36	29	1973		171L	1
POLE	453433.74	-1223442.68	1A	74		52	51	44	1996		759L	16
TREE	453425.25	-1223427.28	2C	92		70	69	62	3372		*978L	6

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON OL BLDG	453520.48	-1223536.53	1A	163		133		6539	1035	-6
OL ON LT	453530.37	-1223547.42	1A	92		62		35436	1140	-19
OL ON WSK	453533.16	-1223603.26	1A	35		5		30940	1644	7
OL ON LT	453508.08	-1223613.08	1A	72		42		21534	1944	1
TMOM	453512.92	-1223618.21	1A	38		8		23258	2043	2

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT ON OL ATCT		453515.16	-1223520.69	1A	291	264	261		8257	2198	119
ROD ON OL AMOM		453542.44	-1223608.73	1A	60		30		31319	2653	-1
OL ON VOR/DME		453537.30	-1223622.57	1A	48		18		29037	2886	-83
POLE		453544.19	-1223527.14	1A	74		44		1544	3030	-5
SIGN ON LEVEE		453551.64	-1223548.57	1A	47		17		34443	3270	8
TMOM		453449.64	-1223518.28	1A	37		7		12402	3808	3
LT		453446.57	-1223523.12	1A	96		66		13053	3872	0
OL ON WSK		453505.70	-1223653.34	1A	32		2		23419	4646	6
OL LT		453456.94	-1223448.31	1A	89		59		9843	5006	-19
TREE		453506.31	-1223700.43	1A	86		56		23641	5113	3
OL ON HGR		453449.11	-1223648.71	1A	130		100		21455	5124	-18
TREE		453507.44	-1223704.10	1A	134		104		23835	5338	13
POLE		453439.21	-1223454.26	1A	42		12		11656	5732	-4
TREE		453432.02	-1223453.94	1A	130		100		12128	6285	-5
ROD ON OL GS		453503.64	-1223425.01	1A	73		43		8619	6320	29
TREE		453459.57	-1223715.62	1A	128		98		23315	6344	-8
TREE		453443.39	-1223707.92	1A	114		84		21800	6575	5
TREE		453454.80	-1223719.21	1A	130		100		23002	6751	-2
ANT ON OL RTR TWR		453554.65	-1223717.57	1A	104		74		28149	7116	2
TREE		453553.47	-1223719.26	1A	76		46		28030	7162	-3
OL ON BLDG		453448.31	-1223420.23	1A	127		97		9741	7183	-7
TREE		453538.76	-1223739.34	1A	102		72		26559	7950	-4
TREE		453425.25	-1223427.28	2C	92		62		11420	8096	6
TREE		453544.28	-1223746.05	1A	88		58		26850	8560	20
ROD ON OL POLE		453421.49	-1223719.59	1A	184		154		20845	8609	4
OL ON POLE		453451.03	-1223356.69	1A	54		24		9109	8623	-7
TREE		453634.99	-1223454.59	1A	260		230		920	8644	80
TREE		453628.74	-1223434.40	1A	264		234		1929	8888	84
TREE		453638.96	-1223457.24	1A	244		214		704	8919	64
TREE		453641.72	-1223503.61	1A	286		256		342	8994	106
TREE		453358.57	-1223648.38	1A	220		190		18812	9148	40
TREE		453639.57	-1223439.52	1A	294		264		1344	9580	114
TREE		453624.80	-1223412.52	2C	301		271		2816	9639	121
TREE		453355.12	-1223655.69	1A	233		203		19002	9698	53
TREE		453649.18	-1223459.37	1A	390		360		340	9807	210
TREE		453443.41	-1223341.63	1A	83		53		9318	9897	1
TREE		453657.09	-1223536.62	2C	399		369		34735	9948	219

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		453657.41	-1223520.79	1A	407		377		35354	10157	227
TREE		453413.65	-1223740.35	2C	185		155		21108	10239	5
TREE		453339.50	-1223616.56	2C	237		207		17153	10281	57
TREE		453646.46	-1223435.70	1A	387		357		1257	10317	207
TREE		453632.63	-1223406.22	2C	359		329		2649	10513	179
TREE		453702.62	-1223610.86	2C	406		376		33400	10550	226
TREE		453639.20	-1223415.37	1A	364		334		2146	10562	184
TREE		453641.85	-1223416.58	1A	359		329		2029	10715	179
TREE		453334.67	-1223522.97	2C	229		199		15103	10794	49
TREE		453654.56	-1223435.20	1A	415		385		1054	11044	235
TREE		453703.77	-1223636.77	2C	401		371		32435	11061	221
TREE		453409.27	-1223752.53	1A	180		150		21218	11188	0
TREE		453656.71	-1223436.16	1A	423		393		1003	11201	243
TREE		453327.98	-1223557.82	2C	248		218		16409	11296	68
TREE		453650.55	-1223418.17	1A	413		383		1715	11349	233
TREE		453655.60	-1223428.44	1A	416		386		1245	11375	236
TREE		453354.79	-1223741.21	2C	238		208		20409	11615	58
TREE		453347.68	-1223734.00	2C	266		236		19958	11832	86
TREE		453400.24	-1223754.87	1A	261		231		20924	11913	81
OL ON BLDG		453429.42	-1223824.32	2C	190		160		22648	12022	10
TREE		453614.95	-1223316.50	2C	292		262		4434	12343	112
TREE		453712.04	-1223701.12	2C	395		365		31806	12451	215
LT POLE ON BRDG		453601.86	-1223303.57	2C	226		196		5149	12659	46
TREE		453348.68	-1223756.32	2C	261		231		20550	12803	81
POLE		453345.55	-1223755.43	2C	247		217		20440	12989	67
TREE		453353.21	-1223812.64	1A	284		254		21048	13332	104
TREE		453609.89	-1223256.88	2C	324		294		4914	13396	144
TREE		453638.19	-1223319.11	2C	410		380		3513	13428	230
TREE		453617.27	-1223300.31	2C	349		319		4554	13479	169
TREE		453307.79	-1223635.86	2C	325		295		17510	13708	109
TREE		453306.45	-1223513.89	2C	293		263		15036	13723	92
TREE		453301.47	-1223548.32	2C	319		289		16055	13972	84
POLE		453345.53	-1223823.35	1A	265		235		21027	14417	85
TREE		453738.37	-1223458.67	2C	451		421		35630	14560	179
TREE		453641.46	-1223302.60	2C	406		376		3655	14575	183
POLE		453346.36	-1223827.45	1A	292		262		21127	14583	112
POLE		453336.56	-1223816.27	2C	300		270		20629	14673	120

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		453734.24	-1223428.11	2C	449		419		502	14876	154
TREE		453350.93	-1223840.70	1A	318		288		21507	15034	138
TREE		453309.65	-1223736.22	2C	373		343		19122	15125	145
TREE		453748.82	-1223549.43	2C	416		386		34207	15136	119
TREE		453346.24	-1223838.49	1A	317		287		21320	15198	137
LT		453718.15	-1223337.54	2C	411		381		1957	15320	94
TREE		453311.65	-1223748.08	2C	347		317		19429	15389	118
OL TK		453746.92	-1223653.16	2C	431		401		32514	15582	132
TREE		453733.37	-1223746.58	2C	355		325		31031	15864	111
TREE		453753.45	-1223505.50	2C	424		394		35324	15936	85
TREE		453241.46	-1223537.88	2C	346		316		15821	16025	13
TREE		453727.66	-1223326.97	2C	412		382		1956	16542	34
TREE		453306.47	-1223330.15	2C	280		250		12501	16784	8
TREE		453254.71	-1223349.03	2C	482		452		13103	17032	174
AWYBN		453247.69	-1223357.34	1A	667		637		13356	17364	335
OL TK		453317.73	-1223844.35	2C	380		350		20644	17434	87
ANT ON OL TK		453318.44	-1223845.76	1A	385		355		20708	17454	92

ADDITIONAL INFORMATION:

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.