

OBSTRUCTION DATA SHEET

ODS 798
PULLMAN-MOSCOW REGIONAL AIRPORT
PULLMAN-MOSCOW, WASHINGTON

DIGITIZED FROM

OC 798
SURVEYED MAY 1993
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HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA No. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS and the OC depict a representation of objects that existed at the time of the OC field survey.

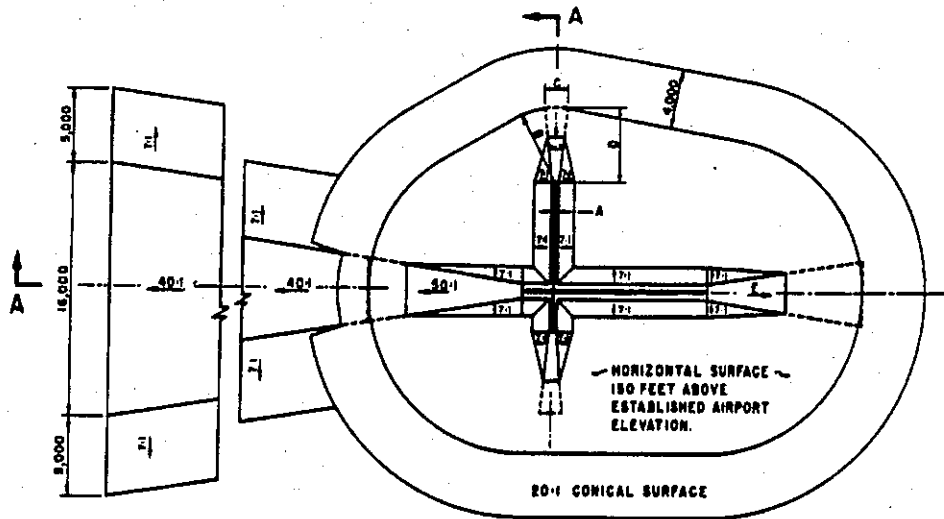
ODS information is arranged as follows:

1. Objects located in an FAR-77 approach or primary and listed with the associated runway (reference runway).
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).
3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

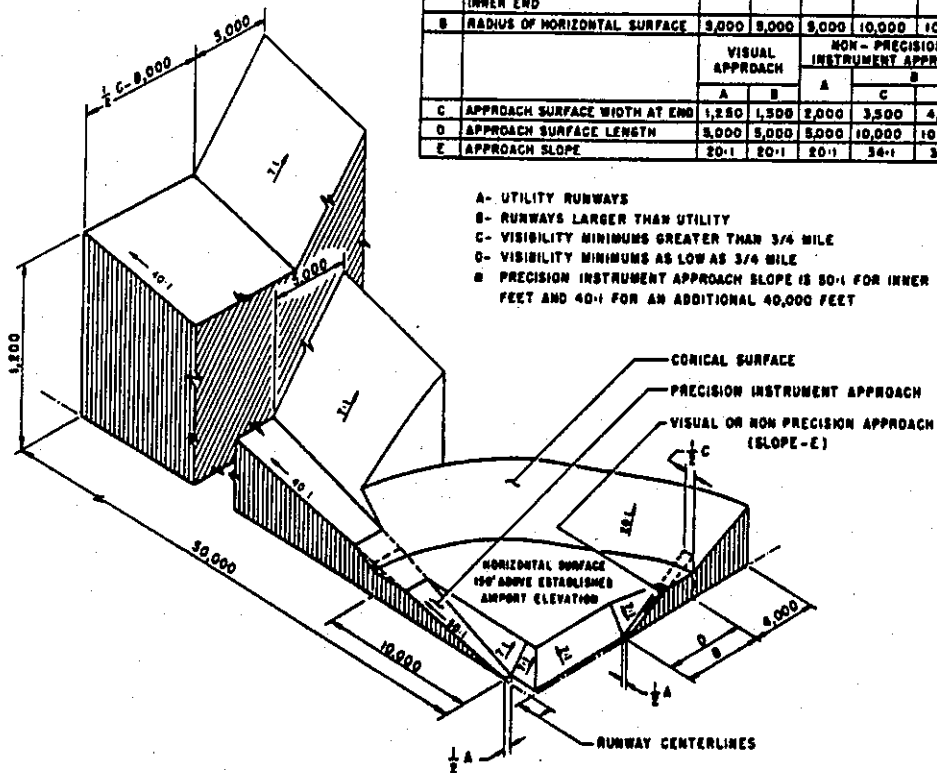
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

A(V) Utility runway - visual approach only
A(NP) Utility runway - nonprecision instrument approach
B(V) Nonutility runway - visual approach only
C Nonutility runway - nonprecision instrument
approach with visibility minimums greater than
3/4 mile
D Nonutility runway- nonprecision instrument approach
with visibility minimums as low as 3/4 mile
PIR Precision instrument runway
SUPLC Supplemental C underlying a B(V)

FAR-77 imaginary surface dimensions are defined on page 2 of this report.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY		PRECISION INSTRUMENT RUNWAY	
		A	B	A	B	C	D
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	3,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH		PRECISION INSTRUMENT APPROACH	
		A	B	A	B	C	D
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	10,000
D	APPROACH SURFACE LENGTH	3,000	5,000	5,000	10,000	10,000	∅
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	∅



- A- UTILITY RUNWAYS
- B- RUNWAYS LARGER THAN UTILITY
- C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
- D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
- E- PRECISION INSTRUMENT APPROACH SLOPE IS 30:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET

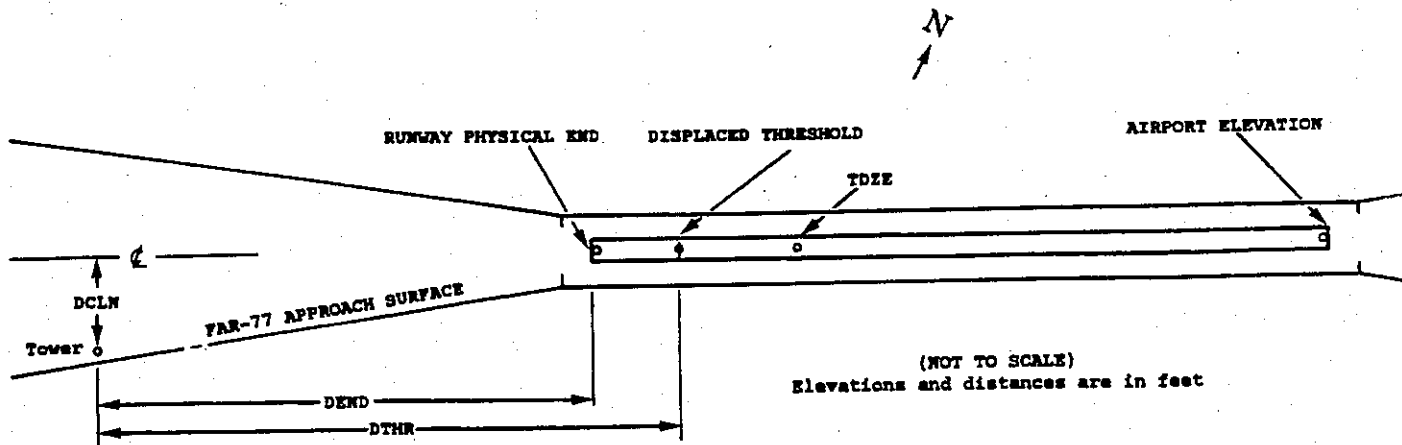
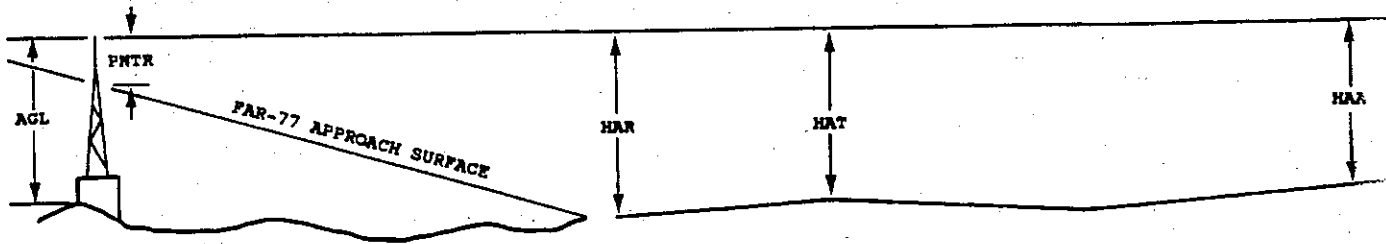
ISOMETRIC VIEW OF SECTION A-A

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

1 X	2 X	3 XXXX/XXXX	4 XXXXXX.XXX	4 XXXXXX.XXX	5 XXXXXX	6 XXXX/XXXX	7 XXXXXX.XXX	7 XXXXXX.XXX	8 A	9 ELEV	10 AGL	11 HAR	11 HAT	11 HAA	12 DEND	12 DTHR	12 DCLN	13 PNTR
XXXXXXXXXX			XXXXXX.XXX	XXXXXX.XXX	XX XXXX XXXX	XXX	XXX	XXX	XXXX	XXXX	XXX	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX
XXXXXXXXXX			XXXXXX.XXX	XXXXXX.XXX	XX XXXX XXXX	XXX	XXX	XXX	XXXX	XXXX	XXX	XXX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX



(NOT TO SCALE)
Elevations and distances are in feet

EXPLANATION OF FOOTNOTES

- 1 Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary areas of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.
 - 2 For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed).
 - 3 Elevation at approach end of reference runway/touchdown zone elevation
 - 4 Latitude and longitude at approach end of reference runway
 - 5 Geodetic azimuth of reference runway reckoned from north
 - 6 Elevation at reference runway displaced threshold/touchdown zone elevation
 - 7 Latitude and longitude at reference runway displaced threshold
 - 8 Accuracy codes: Horizontal(Ft.) Vertical(Ft.)

1 = 20	A = 2
2 = 40	B = 5
	C = 20
 - 9 Elevation above mean sea level (MSL) at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.
 - 10 Height above ground level (AGL). AGL's are provided only for manmade objects appearing on the OC and equal to or greater than 200 feet AGL. AGL accuracy is 10 feet.
 - 11 HAA - Height above airport
HAR - Height above approach end of reference runway
HAT - Height above reference runway touchdown zone elevation
 - 12 DEND - Distance along reference runway centerline from point nearest to object (perpendicular) to approach end of runway
DTHR - Distance along reference runway centerline from point nearest to object (perpendicular) to displaced threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft
- A negative value for DEND or DTHR indicates that object is in primary on roll-out side of zero distance point.
- 13 PNTR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

OC0798

AIRPORT ELEVATION 2551

5 C 2538/ 464426.611 -1170719.961 700627. 2535/2535 464427.284 -1170717.255

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	464447.59	-1170548.24	1A	2558		20	23	7	-6729	-6529	174R	8
GROUND	464445.43	-1170556.47	1A	2550		12	15	-1	-6116	-5916	184R	3
POST	464443.86	-1170602.98	1A	2548		10	13	-3	-5635	-5435	180R	4
POST	464439.13	-1170622.08	1A	2543		5	8	-8	-4222	-4021	178R	7
GROUND	464437.95	-1170626.66	1A	2538		0	3	-13	-3882	-3681	183R	4
POST	464435.81	-1170635.78	1A	2534		-4	-1	-17	-3210	-3010	171R	4
POST	464434.42	-1170641.65	1A	2531		-7	-4	-20	-2778	-2578	164R	3
FENCE	464427.71	-1170726.25	1A	2545		7	10	-6	374	575	253L	2
FENCE	464424.93	-1170730.89	1A	2556		18	21	5	774	974	99L	2
POLE	464422.86	-1170732.29	1A	2555		17	20	4	937	1137	65R	-4
FENCE	464422.54	-1170757.23	1A	2611		73	76	60	2581	2782	495L	3
GROUND	464421.84	-1170806.51	1A	2638		100	103	87	3213	3413	649L	12
POLE	464412.09	-1170835.63	1A	2715		177	180	164	5456	5657	410L	23
ANT ON BLDG	464400.69	-1170852.55	1A	2720		182	185	169	6957	7158	274R	-16
TANK	464341.78	-1170919.15	1A	2713		175	178	162	9352	9553	1444R	-94

23 SUPLC 2551/ 464449.205 -1170549.083 2500733. 2544/2544 464446.518 -1170559.898

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POST	464434.42	-1170641.65	1A	2531		-20	-13	-20	-3951	-3150	164L	3
POST	464435.81	-1170635.78	1A	2534		-17	-10	-17	-3520	-2719	171L	4
GROUND	464437.95	-1170626.66	1A	2538		-13	-6	-13	-2848	-2047	183L	4
POST	464439.13	-1170622.08	1A	2543		-8	-1	-8	-2508	-1707	178L	7
POST	464443.86	-1170602.98	1A	2548		-3	4	-3	-1095	-294	180L	4
GROUND	464445.43	-1170556.47	1A	2550		-1	6	-1	-614	187	184L	3
GROUND	464447.59	-1170548.24	1A	2558		7	14	7	0	801	174L	8
GROUND	464447.56	-1170545.16	1A	2580		29	36	29	200	1001	250L	29
HAZARD LT	464450.31	-1170539.37	1A	2589		38	45	38	674	1475	125L	24
HAZARD LT	464454.16	-1170528.46	1A	2634		83	90	83	1521	2322	16L	44
GROUND	464452.28	-1170512.90	1A	2707		156	163	156	2475	3276	564L	89
HAZARD LT	464457.15	-1170512.18	1A	2700		149	156	149	2690	3491	116L	76
GROUND	464458.19	-1170449.07	1A	2714		163	170	163	4240	5041	564L	44
GROUND	464457.97	-1170430.97	1A	2727		176	183	176	5417	6218	1014L	22
FENCE	464512.43	-1170429.22	1A	2717		166	173	166	6030	6831	323R	-6
GROUND	464516.91	-1170417.73	1A	2718		167	174	167	6936	7737	478R	-31
GROUND	464522.69	-1170405.04	1A	2719		168	175	168	7966	8767	729R	-61
GROUND	464532.37	-1170352.98	1A	2725		174	181	174	9089	9890	1366R	-88
GROUND	464524.32	-1170342.79	1A	2731		180	187	180	9479	10280	358R	-93

OC0798

AIRPORT ELEVATION 2551

ARP 464437.911 -1170634.524

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
POLE	464440.85	-1170637.12	1A	2558		7	31050	348
OL ON WSK	464433.79	-1170637.53	1A	2559		8	18845	467
POLE	464439.21	-1170643.85	1A	2555		4	26332	663
POLE	464432.49	-1170640.48	1A	2586		35	19909	689
ANT ON HANGAR	464443.50	-1170628.14	1A	2568		17	2016	720
ROD ON OL APBN	464445.13	-1170629.05	1A	2593		42	937	824
POLE	464428.91	-1170648.12	1A	2590		39	20810	1315
TREE	464446.26	-1170616.61	1A	2598		47	3756	1507
ANT ON OL POLE	464437.65	-1170656.78	1A	2572		21	25108	1550
POLE	464432.19	-1170613.80	1A	2692		141	9359	1555
FENCE	464435.39	-1170657.19	1A	2533		-18	24255	1599
POLE	464446.91	-1170614.31	1A	2574		23	3910	1677
FENCE	464434.32	-1170701.55	1A	2535		-16	24109	1917
GROUND	464441.14	-1170702.29	1A	2630		79	26143	1961
POLE	464424.81	-1170659.37	1A	2573		22	21437	2181
ROAD (N)	464434.97	-1170709.92	1A	2578		27	24512	2483
FENCE	464432.09	-1170710.46	1A	2541		-10	23850	2571
GROUND	464506.99	-1170641.04	1C	2702		151	33320	2980
GROUND	464445.58	-1170553.00	1A	2568		17	5703	2994
GROUND	464443.38	-1170551.51	1A	2599		48	6137	3046
FENCE	464432.17	-1170718.65	1A	2578		27	24123	3128
FENCE	464429.74	-1170719.99	1A	2545		-6	23726	3272
POLE	464432.12	-1170545.42	1A	2742		191	8150	3469
GROUND	464422.75	-1170543.71	1A	2707		156	9533	3858
TREE	464401.85	-1170615.29	1A	2721		170	14157	3891
POLE	464421.22	-1170726.44	1A	2554		3	22702	3991
GROUND	464447.31	-1170538.72	1A	2627		76	5819	4001
GROUND	464429.45	-1170731.63	1A	2587		36	23956	4068
GROUND	464516.49	-1170652.19	1C	2712		161	32438	4097
GROUND	464410.42	-1170550.22	1A	2710		159	11410	4157
POLE	464456.40	-1170539.23	1A	2577		26	4609	4282
ANT	464522.79	-1170617.25	1A	2697		146	35654	4703
GROUND	464526.38	-1170629.44	1C	2711		160	34613	4923
GROUND	464424.88	-1170525.74	1A	2711		160	8729	4969
TREE	464425.90	-1170745.10	1A	2625		74	23812	5063
GROUND	464519.45	-1170547.30	1C	2705		154	2005	5340
GROUND	464437.63	-1170513.40	1A	2716		165	7222	5649
GROUND	464536.09	-1170623.25	1C	2713		162	34940	5946
GROUND	464538.11	-1170630.84	1C	2702		151	34430	6104
FENCE	464423.73	-1170807.50	1A	2667		116	23936	6633
GROUND	464522.87	-1170524.77	1C	2715		164	2856	6658

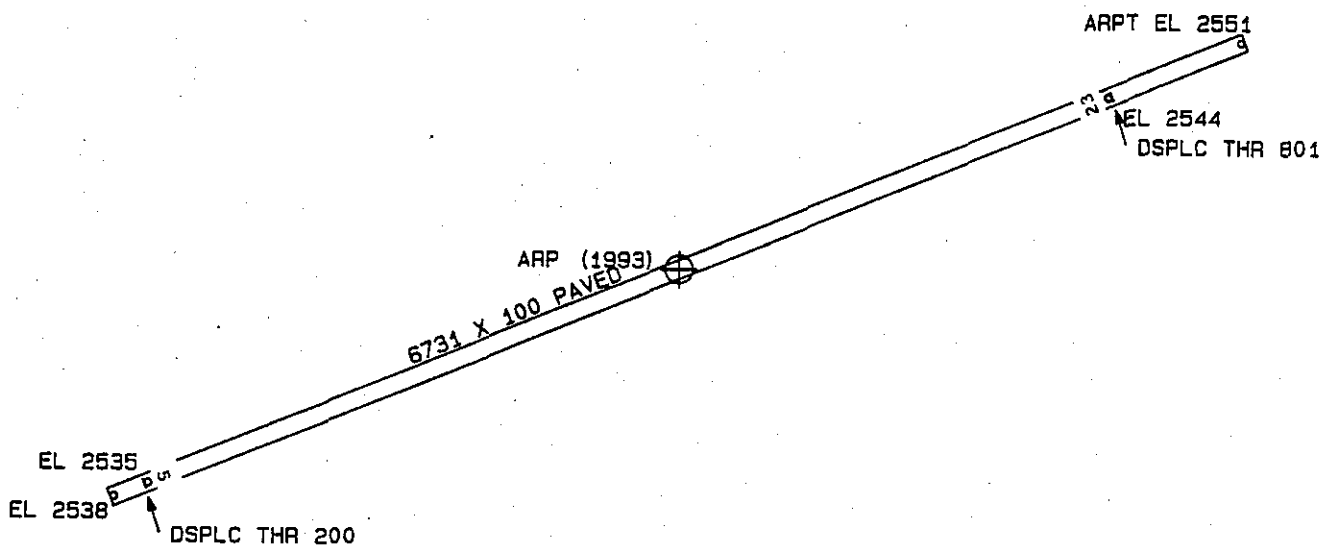
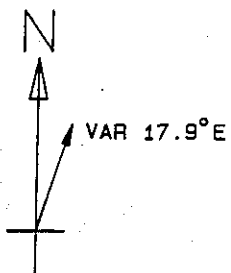
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AIRPORT ELEVATION 2551

ARP 464437.911 -1170634.524

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	464508.06	-1170505.66	1A	2674		123	4549	6900
GROUND	464544.20	-1170607.64	1C	2722		171	35740	6971
GROUND	464535.51	-1170537.73	1C	2715		164	1613	7049
GROUND	464421.94	-1170450.00	1C	2711		160	8437	7457
GROUND	464545.78	-1170546.65	1C	2717		166	757	7640
GROUND	464531.18	-1170513.81	1A	2721		170	2815	7791
GROUND	464441.65	-1170830.27	1C	2710		159	25448	8069
POLE	464432.39	-1170831.40	1A	2710		159	24810	8158
GROUND	464539.39	-1170518.40	1A	2720		169	2229	8178
TREE	464425.47	-1170830.58	1A	2762		211	24315	8180
GROUND	464600.36	-1170637.97	1C	2703		152	34027	8355
GROUND	464452.03	-1170838.39	1C	2705		154	26131	8743
GROUND	464519.85	-1170441.89	1A	2710		159	4338	8920
GROUND	464309.93	-1170622.40	1C	2713		162	15641	8953
GROUND	464537.64	-1170457.97	1C	2718		167	3006	9044
BLDG	464538.82	-1170455.80	1A	2733		182	3010	9237
VENT ON TANK	464424.82	-1170847.90	1A	2717		166	24359	9382
GROUND	464543.94	-1170448.79	1C	2708		157	2949	9947
GROUND	464535.67	-1170438.40	1A	2710		159	3611	9981
GROUND	464314.91	-1170508.47	1C	2723		172	12636	10326
GROUND	464456.96	-1170407.38	1A	2703		152	6125	10427
GROUND	464322.44	-1170452.20	1C	2715		164	11905	10452
SIGN	464447.95	-1170906.76	1A	2714		163	25735	10650
TREE	464458.80	-1170905.09	1A	2744		193	26331	10696
GROUND	464326.77	-1170431.91	1C	2736		185	11214	11174
GROUND	464249.06	-1170705.35	1C	2719		168	17307	11234
GROUND	464342.57	-1170405.00	1C	2713		162	10022	11827
OL ON TANK	464449.93	-1170924.82	1A	2766		215	25758	11921



TOUCHDOWN ZONE RUNWAY ELEVATION	
5	2535
23	2544

PULLMAN-MOSCOW REGIONAL AIRPORT
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 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)