

OBSTRUCTION DATA SHEET

**ODS 384
BOEING FIELD / KING COUNTY INTERNATIONAL AIRPORT
SEATTLE, WASHINGTON**

DIGITIZED FROM

**OC 384
SURVEYED 9 JULY 1992
11TH EDITION**

**HORIZONTAL DATUM NAD83
VERTICAL DATUM NGVD29**



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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.

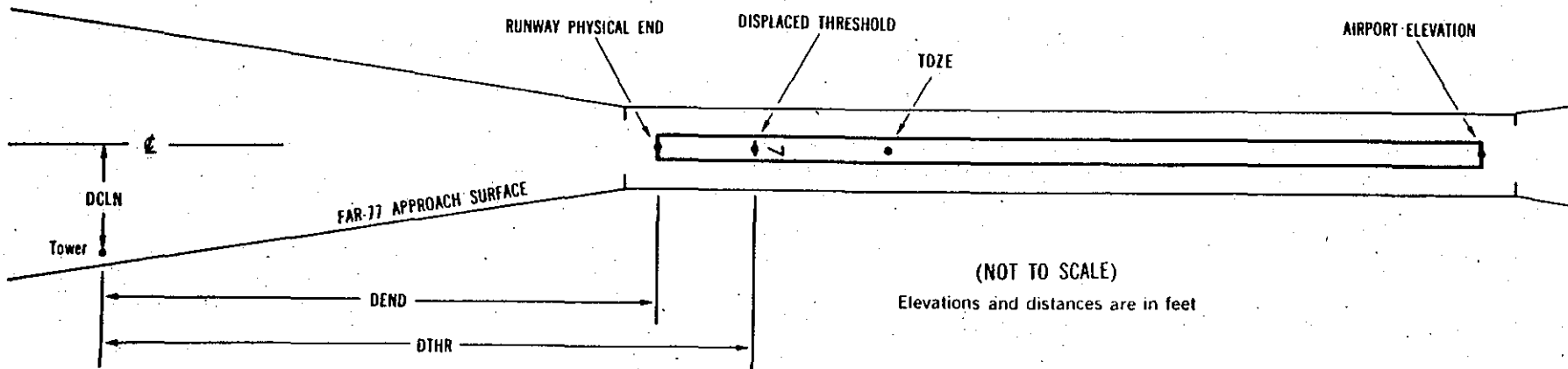
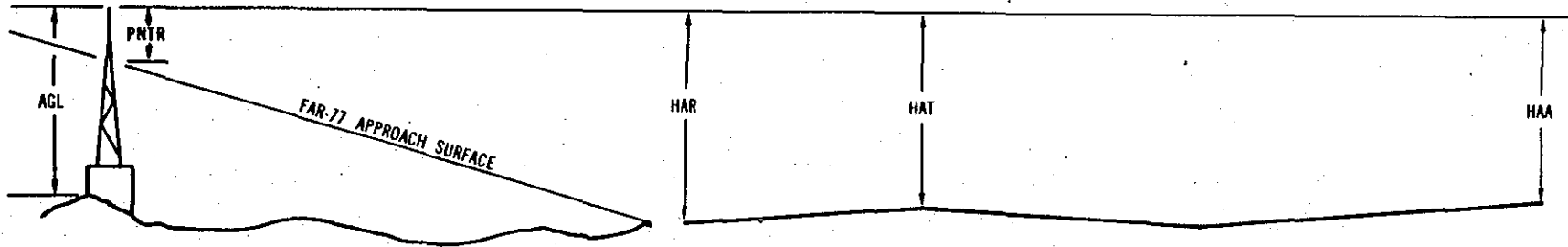
ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x¹ x² XXXX/XXXX³ XXXXXX.XXX⁴ XXXXXX.XXX⁴ XXXXXX⁵ XXXX/XXXX⁶ XXXXXX.XXX⁷ XXXXXX.XXX⁷

OBJECT	LAT	LONG	A ⁸	ELEV ⁹	AGL ¹⁰	HAR ¹¹	HAT ¹¹	HAA ¹¹	DEND ¹²	DTHR ¹²	DCLN ¹²	PNTR ¹³
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	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 Vertical
 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 PTNR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

0C0384

AIRPORT ELEVATION 18

13L AV 14/ 473216.864 -1221826.875 1501215. 14/ 14 473214.810 -1221825.138

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SCREEN AT VASI	473148.81	-1221804.96	1A	17		3	3	-1	-3214	-2974	107R	3
SCREEN AT VASI	473153.16	-1221808.41	1A	16		2	2	-2	-2714	-2474	94R	2
ROD ON OL TMOM	473218.09	-1221830.01	1A	28		14	14	10	215	454	125R	13
OL ON AMOM & TMOM	473220.33	-1221831.46	1A	35		21	21	17	461	701	98R	8
OL ON GS	473220.90	-1221831.98	1A	40		26	26	22	529	769	101R	10
HGR	473234.38	-1221837.90	1A	32		18	18	14	1916	2155	226L	-68
VENT ON BLDG	473238.80	-1221844.24	1A	59		45	45	41	2521	2761	71L	-71
TREE	473243.31	-1221844.31	1A	80		66	66	62	2920	3160	294L	-70
POLE	473246.78	-1221848.84	1A	66		52	52	48	3379	3619	198L	-107
TREE	473246.30	-1221857.04	1A	65		51	51	47	3617	3857	314R	-120
LIGHT STANDARD	473250.22	-1221851.03	1A	77		63	63	59	3756	3996	242L	-115
TREE	473250.85	-1221853.60	1A	93		79	79	75	3899	4139	120L	-106
LIGHT STANDARD	473255.78	-1221851.38	1A	99		85	85	81	4257	4497	500L	-118
STK	473301.10	-1221901.47	1A	116		102	102	98	5069	5309	168L	-141

31R AV 14/ 473145.090 -1221800.012 3301234. 13/ 14 473148.218 -1221802.656

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SCREEN AT VASI	473153.16	-1221808.41	1A	16		2	2	-2	-996	-631	94L	2
SCREEN AT VASI	473148.81	-1221804.96	1A	17		3	3	-1	-496	-130	107L	3
HGR	473132.67	-1221745.61	1A	31		17	17	13	1583	1949	233R	-52
POLE	473112.06	-1221729.27	1A	60		46	46	42	3953	4318	169R	-141
TREE	473112.85	-1221726.22	1A	126		112	112	108	3988	4353	390R	-77
TREE	473110.43	-1221729.88	1A	48		34	34	30	4075	4441	50R	-159
SEMAPHORE	473105.84	-1221725.51	1A	56		42	42	38	4628	4993	79R	-179
LT SCREEN AT REIL	473100.76	-1221726.27	1A	20		6	6	2	5049	5414	221L	-236

AIRPORT ELEVATION 18

13R PIR 13/ 13 473225.958 -1221840.886 1501141.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RAILROAD	473100.47	-1221722.25	1A	44		31	31	26	-10199		379L	27
LT SCREEN AT REIL	473100.76	-1221726.27	1A	20		7	7	2	-10036		154L	3
SEMAPHORE	473105.84	-1221725.51	1A	56		43	43	38	-9615		455L	38
TREE	473110.43	-1221729.88	1A	48		35	35	30	-9063		426L	30
LTD WINDSOCK	473107.78	-1221738.61	1A	24		11	11	6	-8997		228R	7
SCREEN AT VASI	473148.81	-1221804.96	1A	17		4	4	-1	-4492		269L	3
LIGHTED WINDSOCK	473152.48	-1221808.84	1A	20		7	7	2	-4036		222L	6
SCREEN AT VASI	473153.16	-1221808.41	1A	16		3	3	-2	-3991		282L	2
LIGHTED WINDSOCK	473209.74	-1221823.39	1A	22		9	9	4	-2023		225L	8
OL FLDLT	473213.60	-1221838.81	1A	49		36	36	31	-1158		499R	36
ROD ON OL TMOM	473218.09	-1221830.01	1A	28		15	15	10	-1063		251L	15
OL ON AMOM & TMOM	473220.33	-1221831.46	1A	35		22	22	17	-816		278L	22
OL ON GS	473220.90	-1221831.98	1A	40		27	27	22	-749		275L	27
BLAST FENCE	473225.86	-1221848.92	1A	22		9	9	4	266		483R	7
OL ON BUILDING	473233.31	-1221857.62	1A	97		84	84	79	1217		626R	63
VENT ON BLDG	473238.80	-1221844.24	1A	59		46	46	41	1244		447L	25
TREE	473243.31	-1221844.31	1A	80		67	67	62	1642		670L	38
POLE	473246.78	-1221848.84	1A	66		53	53	48	2102		575L	15
TREE	473246.30	-1221857.04	1A	65		52	52	47	2340		63L	9
POLE	473244.70	-1221903.30	1A	63		50	50	45	2412		390R	5
LIGHT STANDARD	473250.22	-1221851.03	1A	77		64	64	59	2479		618L	18
TREE	473250.85	-1221853.60	1A	93		80	80	75	2622		497L	31
TREE	473247.79	-1221904.56	1A	81		68	68	63	2727		310R	17
LIGHT STANDARD	473255.78	-1221851.38	1A	99		86	86	81	2980		877L	30
STK	473301.10	-1221901.47	1A	116		103	103	98	3791		545L	31
TREE	473303.52	-1221918.26	1A	105		92	92	87	4577		333R	4
POLE	473307.13	-1221910.14	1A	117		104	104	99	4617		333L	15
TREE	473306.44	-1221924.54	1A	115		102	102	97	5048		560R	5
TREE	473315.45	-1221903.57	1A	175		162	162	157	5125		1142L	63
TREE	473315.67	-1221911.07	1A	146		133	133	128	5400		707L	29
TREE	473318.13	-1221911.23	1A	162		149	149	144	5622		822L	40
FLOODLIGHT	473323.30	-1221911.61	1A	178		165	165	160	6089		1059L	47
TREE	473325.70	-1221910.91	1A	198		185	185	180	6277		1222L	63
TREE	473328.05	-1221911.00	1A	212		199	199	194	6486		1335L	73
FLOODLIGHT	473329.02	-1221915.31	1A	193		180	180	175	6719		1127L	49

AIRPORT ELEVATION 18

13R PIR 13/ 13 473225.958 -1221840.886 1501141.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	473331.70	-1221911.65	1A	239		226	226	221	6829		1480L	93
TREE	473332.54	-1221912.87	1A	233		220	220	215	6944		1450L	85
FLOODLIGHT	473332.02	-1221916.61	1A	199		186	186	181	7026		1201L	49
STROBELIGHT ON ELEVATOR	473404.79	-1222036.45	1A	274	261	261	261	256	12630		1898R	0
OL ON RADIO TWR	473507.67	-1222100.30	1A	417	411	404	404	399	18970		147R	-16

AIRPORT ELEVATION 18

31L C 17/ 18 473100.305 -1221728.466 3301234.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	473220.90	-1221831.98	1A	40		23	22	22	-9252		275R	27
OL ON AMOM & TMOM	473220.33	-1221831.46	1A	35		18	17	17	-9185		278R	22
ROD ON OL TMOM	473218.09	-1221830.01	1A	28		11	10	10	-8938		251R	15
OL FLDLT	473213.60	-1221838.81	1A	49		32	31	31	-8843		499L	36
LIGHTED WINDSOCK	473209.74	-1221823.39	1A	22		5	4	4	-7978		225R	8
SCREEN AT VASI	473153.16	-1221808.41	1A	16		-1	-2	-2	-6010		282R	2
LIGHTED WINDSOCK	473152.48	-1221808.84	1A	20		3	2	2	-5965		222R	6
SCREEN AT VASI	473148.81	-1221804.96	1A	17		0	-1	-1	-5509		269R	3
LTD WINDSOCK	473107.78	-1221738.61	1A	24		7	6	6	-1004		228L	7
TREE	473110.43	-1221729.88	1A	48		31	30	30	-938		426R	30
SEMAPHORE	473105.84	-1221725.51	1A	56		39	38	38	-386		455R	38
LT SCREEN AT REIL	473100.76	-1221726.27	1A	20		3	2	2	35		154R	3
RAILROAD	473100.47	-1221722.25	1A	44		27	26	26	198		379R	27
OL ON LOC	473055.82	-1221724.69	1A	24		7	6	6	523		1L	-3
OL ON DME	473054.08	-1221728.33	1A	38		21	20	20	552		305L	10
OL ON LOC	473055.39	-1221724.32	1A	24		7	6	6	573		1L	-4
TREE	473057.66	-1221717.62	1A	66		49	48	48	603		513R	37
ANTENNA ON SIGN	473056.11	-1221716.20	1A	67		50	49	49	787		520R	33
BUILDING	473047.75	-1221726.13	1A	49		32	31	31	1183		493L	3
OL ON BUILDING	473047.32	-1221721.90	1A	46		29	28	28	1365		263L	-5
POLE	473049.29	-1221712.68	1A	59		42	41	41	1507		386R	3
TREE	473026.55	-1221708.12	1A	122		105	104	104	3662		487L	3
TREE	473021.92	-1221711.44	1A	137		120	119	119	3956		918L	9
POWER POLE	473021.46	-1221710.93	1A	134		117	116	116	4014		911L	5
TREE	473022.34	-1221656.24	1A	130		113	112	112	4437		9R	-12
TRNSM TWR	473010.70	-1221659.85	1A	149		132	131	131	5338		792L	-19
TREE	473017.51	-1221633.46	1A	224		207	206	206	5639		1123R	47
TREE	473006.48	-1221657.28	1A	195		178	177	177	5797		851L	13
TRNSM TWR	473011.49	-1221643.77	1A	148		131	130	130	5817		206R	-34
TREE	473005.32	-1221621.34	1A	355		338	337	337	7124		1232R	134

AIRPORT ELEVATION 18

ARP. 473147.961 -1221807.042

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT ON OL ATCT	473145.08	-1221815.33	1A	112		94	22320	640
OL ON HGR	473153.41	-1221758.65	1A	81		63	2643	798
CHIMNEY	473146.45	-1221748.51	1A	70		52	7721	1281
FLOODLIGHT	473128.53	-1221801.01	1A	56		38	14836	2012
OL ON APBN	473212.42	-1221814.58	1A	67		49	32843	2532
OL ON WATER TANK	473121.73	-1221813.08	1A	162		144	16921	2690
TREE	473153.60	-1221727.65	1B	292		274	5833	2763
TREE	473208.80	-1221738.72	1B	305		287	2307	2870
POLE	473126.07	-1221735.79	1A	57		39	11627	3086
TREE	473219.15	-1221754.17	1B	294		276	35607	3281
TREE	473134.32	-1221721.30	1B	303		285	9415	3430
ANT ON OL BLDG	473215.05	-1221848.69	1A	138		120	29420	3962
POLE	473228.10	-1221756.55	1B	300		282	35032	4130
HANGAR	473226.29	-1221827.61	1A	52		34	32031	4132
OL FLDLT	473221.01	-1221845.23	1A	50		32	30227	4253
TRNSM TWR	473206.93	-1221709.62	1B	335		317	4429	4384
TREE	473127.97	-1221908.10	1B	198		180	22442	4655
ANTENNA ON HANGAR	473231.24	-1221834.08	1A	44		26	31734	4762
TREE	473110.88	-1221718.20	1A	288		270	11845	5035
OL FLOODLIGHT	473101.59	-1221738.19	1A	61		43	13738	5099
TREE	473239.06	-1221756.72	1B	358		340	34817	5226
TREE	473121.78	-1221700.29	1B	376		358	10034	5294
TREE	473242.47	-1221810.49	1B	367		349	33802	5528
TRNSM TWR	473237.32	-1221732.34	1B	366		348	557	5539
OL FLOODLIGHT	473057.48	-1221734.87	1A	61		43	13708	5571
TREE	473105.00	-1221715.53	1A	251		233	12124	5608
TREE	473102.54	-1221711.70	1A	278		260	12057	5967
OL FLOODLIGHT	473050.16	-1221730.10	1A	61		43	13705	6382
TRNSM TWR	473254.92	-1221743.63	1B	386		368	35349	6972
TREE	473301.19	-1221807.87	1B	411		393	34003	7420
TRNSM TWR	473107.15	-1221627.92	1B	352		334	10147	7961

AIRPORT ELEVATION 18

ARP 473147.961 -1221807.042

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
FLOODLIGHT	473300.94	-1221853.28	1A	118		100	31716	8047
FLAGPOLE	473304.45	-1221851.96	1A	192		174	31849	8340
TREE	473031.69	-1221859.83	1B	377		359	18537	8536
TREE	473311.85	-1221829.30	1B	363		345	33018	8636
TREE	473205.20	-1221602.59	1B	221		203	5855	8717
TRNSM TWR	473317.34	-1221759.10	1B	445		427	34356	9072
ANT ON BLDG	473019.14	-1221827.51	1B	320		302	16922	9108
TREE	473021.10	-1221844.23	1B	389		371	17640	9164
CROSS ON TOWER	473303.48	-1221650.14	1B	285		267	1504	9294
TREE	473021.89	-1221714.63	1A	157		139	13804	9434
OL ON TRNSM TWR	473237.18	-1222005.68	1A	233	222	215	28200	9547
TREE	473314.92	-1221705.41	1B	316		298	607	9773
TREE	473009.75	-1221829.24	1B	379		361	16912	10067
TREE	473048.57	-1222005.04	1B	496		478	21354	10090
ANT ON POLE	473146.10	-1222037.77	1B	491		473	24928	10345
TRNSM TWR	473329.98	-1221827.17	1B	424		406	33253	10428
TREE	473248.08	-1221603.12	2C	390		372	3452	10460
ANT ON OL RTR TWR	473134.40	-1222038.33	1B	498		480	24258	10473
TREE	473021.56	-1221932.15	1B	501		483	19413	10525
TRNSM TWR	473108.88	-1222033.35	2C	557		539	22859	10794
TREE	473157.39	-1222044.45	1B	465		447	25534	10844
TREE	473210.39	-1222045.96	1B	428		410	26217	11139
TRNSM TWR	473027.17	-1221601.26	1B	423		405	11357	11897
TREE	473347.56	-1221806.95	1B	395		377	34031	12118
TREE	473323.72	-1221619.75	2C	306		288	1740	12179
ANT ON TWR	472950.02	-1221848.67	1B	469		451	17357	12288
POLE	473218.70	-1222101.83	1B	408		390	26504	12392
TRNSM TWR	473345.05	-1221901.33	1B	350		332	32304	12435
TREE	472959.55	-1221934.83	2C	505		487	18915	12529
ANT ON OL BUILDING	473351.06	-1221827.73	1B	528		510	33400	12553
POLE	473322.90	-1221605.14	2C	279		261	2129	12747

AIRPORT ELEVATION 18

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ARP	473147.961	-1221807.042						
ANT ON OL MCWV TWR	473013.07	-1222012.16	1A	642		624	20217	12892
TREE	473007.83	-1221610.22	1B	463		445	12209	12932
TREE	473002.64	-1221615.25	1A	401		383	12446	13144
OL STK	473308.97	-1222036.87	1A	268	254	250	28907	13154
TREE	473358.34	-1221810.91	1B	465		447	33921	13213
TREE	473024.03	-1221532.86	1B	446		428	10916	13577
TREE	473255.82	-1222059.32	2C	366		348	28042	13675
TREE	472933.06	-1221816.64	1B	437		419	16315	13685
STK	473326.61	-1222024.52	1B	166		148	29710	13743
TREE	472928.69	-1221819.44	1B	480		462	16357	14138
TREE	473407.66	-1221812.30	2C	438		420	33902	14159
TREE	473008.65	-1221537.03	1B	430		412	11449	14398
TREE	473218.62	-1222132.31	2C	348		330	26257	14424
TREE	472928.18	-1221701.70	1B	178		160	14255	14856
TREE	472919.74	-1221806.99	2C	460		442	16029	15018
TREE	472947.76	-1221546.92	1B	437		419	12211	15520
TREE	473418.20	-1221900.75	2C	330		312	32653	15662
TREE	472933.32	-1222006.02	2C	517		499	19125	15901
OL ON TRNSM TWR	473347.63	-1222041.83	1A	228	217	210	29918	16117
TREE	473213.63	-1222200.24	2C	402		384	25945	16212
TREE	473024.97	-1221432.88	2C	318		300	10014	16935
TREE	472858.76	-1221750.96	2C	460		442	15648	17180
TREE	473000.67	-1221451.73	2C	404		386	10930	17260
TREE	473247.26	-1222203.65	2C	418		400	27049	17310
TREE	472929.60	-1221535.73	2C	390		372	12356	17448
TREE	473015.79	-1221431.44	2C	403		385	10243	17500
TREE	472936.87	-1221518.06	2C	485		467	11920	17635
ANTENNA	472937.60	-1221513.58	2C	471		453	11826	17784
TREE	472922.38	-1221531.96	2C	378		360	12439	18192
OL ON WATER TANK	472931.80	-1221455.98	1A	562		544	11655	19036
OL ON RADIO TWR	473455.34	-1222146.27	1A	578	570	560	30208	24219

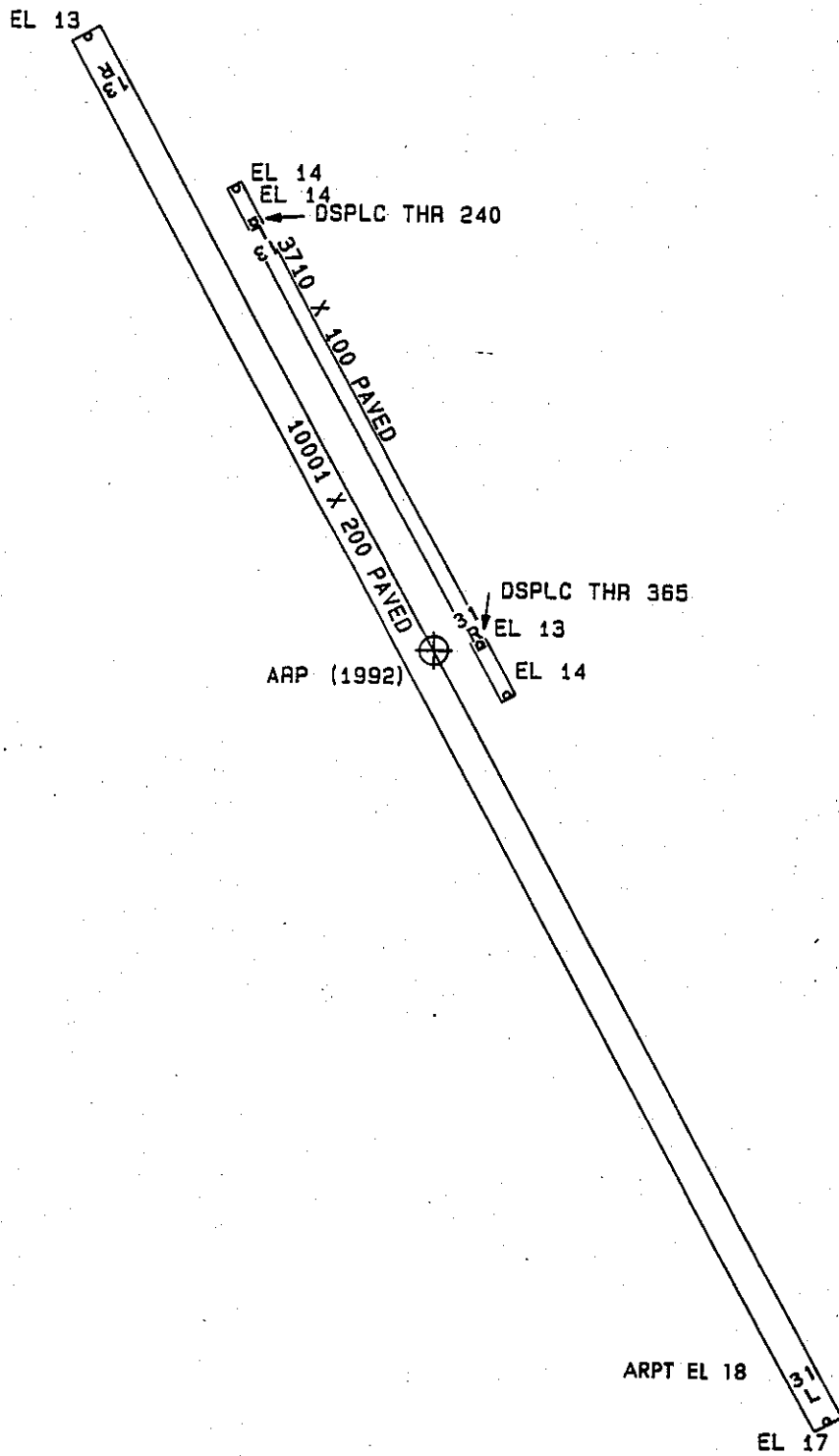
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AIRPORT ELEVATION 18

ARP 473147.961 -1221807.042

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT ON OL BUILDING	473616.80	-1221951.08	1A	1071	937	1053	32550	28159
OL ON TV TWR	473758.82	-1222123.68	1A	1014	616	996	32047	39922



**TOUCHDOWN ZONE
RUNWAY ELEVATION**

13L	14
31R	14
13R	13
31L	18

BOEING FIELD/KING COUNTY INTERNATIONAL AIRPORT

SEATTLE, WASHINGTON

(NOT TO SCALE)

(ALL ELEVATIONS IN FEET)