

OBSTRUCTION DATA SHEET

**ODS 795
ARLINGTON MUNICIPAL AIRPORT
ARLINGTON, WASHINGTON**

DIGITIZED FROM

**OC 795
SURVEYED 27 JULY 1992
2ND 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.

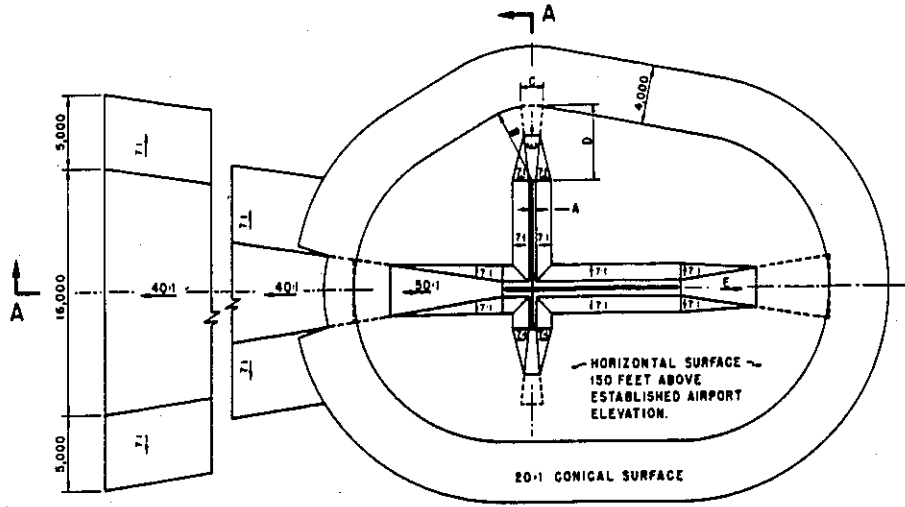
ODS information is arranged as follows:

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:

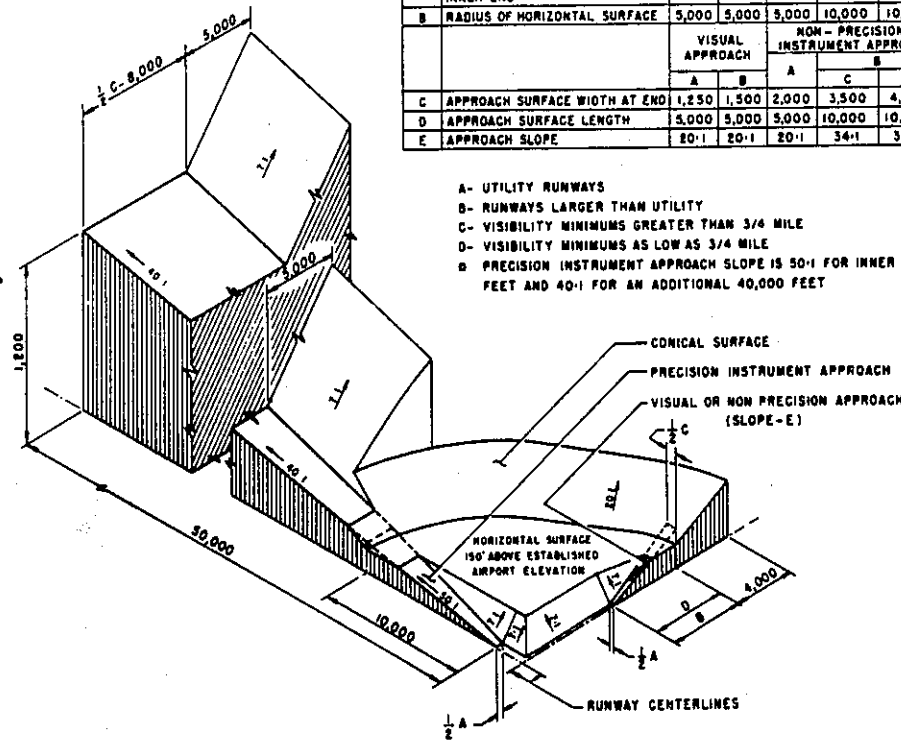
A(V) Utility runway - visual approach only
A(NP) Utility runway - nonprecision instrument approach
B(V) Nonutility runway - visual approach only
C Nonutility runway - nonprecision instrument
approach with visibility minimums greater than
3/4 mile
D Nonutility runway- nonprecision instrument approach
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.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B	C	
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	5,000	5,000	5,000	10,000	10,000	10,000
C	APPROACH SURFACE WIDTH AT END	VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B	C	
D	APPROACH SURFACE LENGTH	1,250	1,500	2,000	3,500	4,000	16,000
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	a

- 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 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

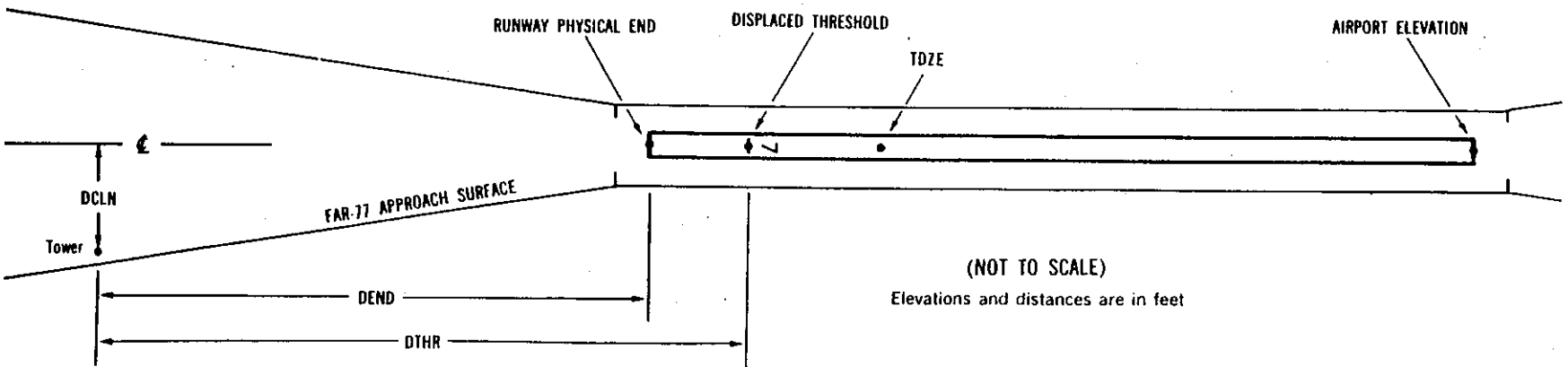
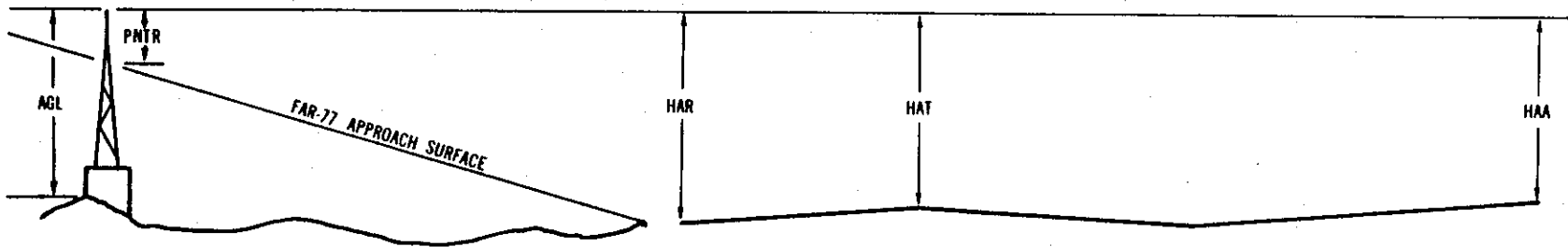
ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

x¹ x² XXXX/XXXX³ XXXXXX.XXX⁴ XXXXXXXX.XXX⁴ XXXXXXXX⁵ XXXX/XXXX⁶ XXXXXX.XXX⁷ XXXXXXXX.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	XXXXXX	XXXXXX	XXXX	XXXX
XXXXXXXXXXXX	XXXXXX.XXX	XXXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXXX	XXXXXX	XXXX	XXXX



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 displace 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 displace 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).

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AIRPORT ELEVATION 137

11 AV 129/ 129 480942.047 -1221007.666 1271054.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	480954.20	-1221033.39	1A	168		39	39	31	2134		72R	-57

29 AV 124/ 128 480921.171 -1220926.538 3071124.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD(N)	480912.70	-1220902.98	1A	141		17	13	4	1791		282R	-63
LIGHT STANDARD	480907.22	-1220903.72	1A	164		40	36	27	2087		191L	-55

16 SUPLC 137/ 137 481009.654 -1220923.501 1790521.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	481011.55	-1220925.41	1A	138		1	1	1	195		126R	1
ANT ON BLDG	481016.91	-1220920.00	1A	149		12	12	12	731		249L	-3
TREE	481018.44	-1220928.58	1A	146		9	9	9	896		330R	-11
TREE	481019.04	-1220925.54	1A	147		10	10	10	953		123R	-12
TREE	481021.17	-1220921.38	1A	156		19	19	19	1165		162L	-9
TREE	481024.98	-1220927.10	1A	190		53	53	53	1556		219R	13
TREE	481026.04	-1220926.02	1A	200		63	63	63	1663		144R	20
TREE	481026.95	-1220919.73	1A	234		97	97	97	1749		283L	52
TREE	481027.78	-1220917.31	1A	236		99	99	99	1829		448L	51

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AIRPORT ELEVATION 137

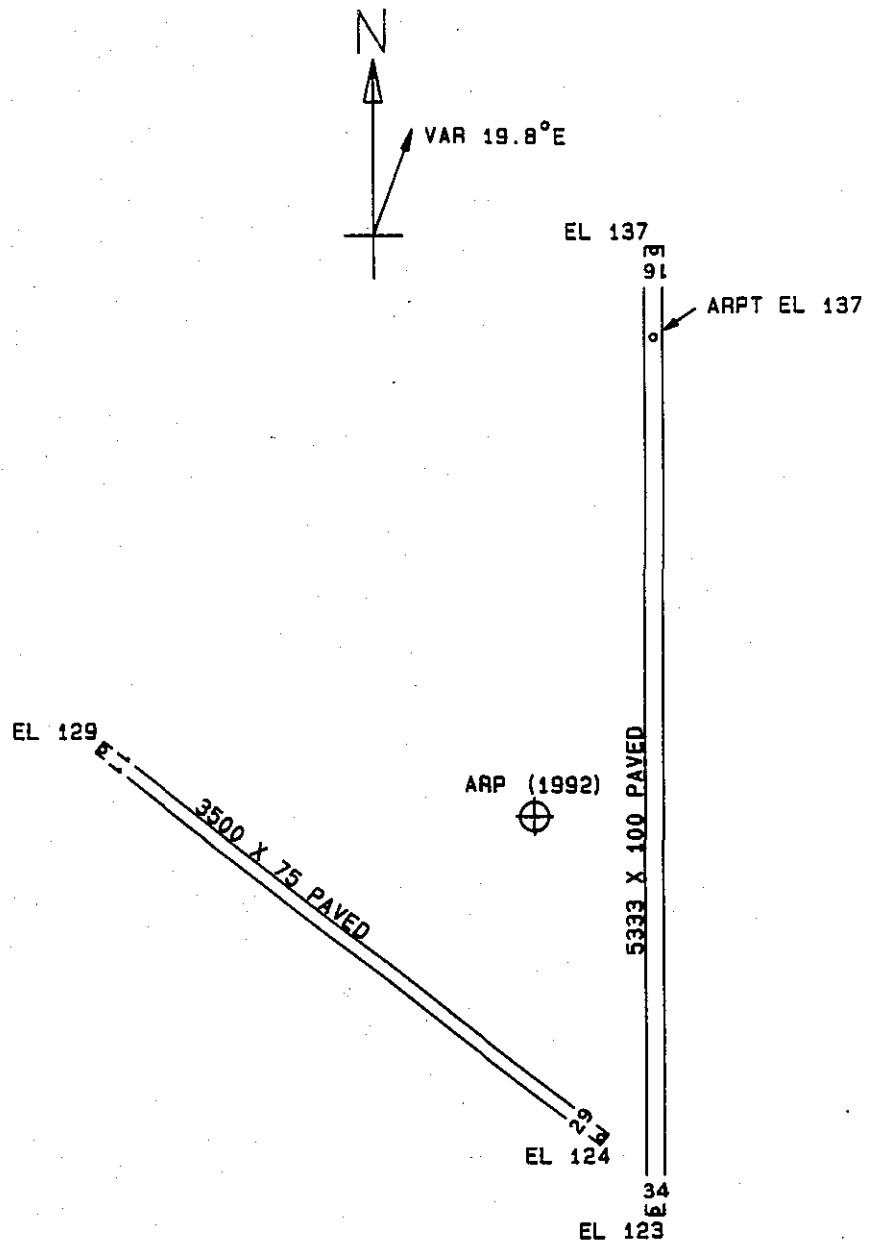
34 C 123/ 131 480917.034 -1220922.251 3590522.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	481011.55	-1220925.41	1A	138		15	7	1	-5527		126L	1
FENCE	480907.95	-1220916.90	1A	126		3	-5	-11	926		348R	-19
ROAD (N)	480907.53	-1220921.87	1A	136		13	5	-1	963		11R	-10
TREE	480854.30	-1220927.02	1A	178		55	47	41	2298		360L	-7

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AIRPORT ELEVATION 137

ARP	480938.694	-1220932.475							
OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE	
OL ON WSK	480941.91	-1220930.30	1A	154		17	434	358	
ROD ON OL WIND INST.	480930.24	-1220932.81	1A	162		25	16143	857	
TREE	480942.40	-1220912.99	1A	166		29	5420	1373	
TREE	480921.16	-1220947.32	1A	248		111	18943	2042	
TREE	480959.12	-1220913.91	1A	197		60	1129	2422	
OL ON APBN	480920.01	-1220907.20	1A	186		49	11802	2554	
TREE	480932.45	-1221011.00	1A	259		122	23634	2687	
TREE	481000.77	-1220910.36	1A	232		95	1402	2693	
TREE	480951.95	-1221013.02	1A	229		92	27615	3059	
TREE	480953.98	-1221017.77	1A	229		92	27658	3439	
TREE	481014.60	-1220934.16	1A	250		113	33824	3640	
TREE	481020.29	-1220916.92	1A	165		28	35414	4345	
TREE	481025.77	-1220934.19	1A	202		65	33848	4771	
TREE	480931.39	-1220806.81	1B	424		287	7727	5855	
TREE	480901.72	-1220748.31	1B	471		334	9808	7995	
TREE	480850.14	-1220748.88	1B	486		349	10511	8576	
TREE	480951.58	-1220724.41	1B	516		379	6138	8779	
TREE	480827.74	-1220746.17	1B	467		330	11507	10181	
TREE	480856.18	-1220713.60	1B	550		413	9446	10355	
TREE	480800.85	-1220755.76	1B	457		320	12642	11887	
TREE	481038.71	-1220701.26	2C	512		375	3930	11918	
TREE	481133.33	-1221019.66	1A	317		180	32448	12048	
TREE	481118.49	-1220746.03	1A	320		183	1541	12422	
TREE	481140.44	-1221014.88	1A	316		179	32705	12667	
TREE	481143.66	-1221015.68	1A	340		203	32711	12997	
STROBE ON MCWV TWR	481209.50	-1221100.35	1A	572		435	31855	16400	
TREE	481210.75	-1221056.54	2C	536		399	31955	16428	



TOUCHDOWN ZONE RUNWAY ELEVATION	
11	129
29	128
16	137
34	131

ARLINGTON MUNICIPAL AIRPORT
 ARLINGTON, WASHINGTON
 (NOT TO SCALE)
 (ALL ELEVATIONS IN FEET)