

OBSTRUCTION DATA SHEET

ODS 5189
ARLINGTON MUNICIPAL AIRPORT
ARLINGTON, TEXAS

DIGITIZED FROM

OC 5189
SURVEYED MARCH 1994
1ST EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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U.S. DEPARTMENT OF COMMERCE
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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.

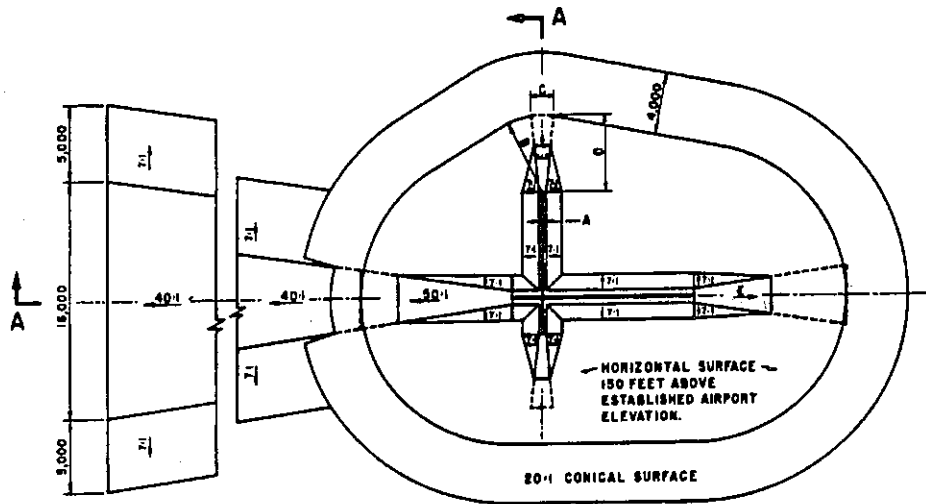
ODS information is arranged as follows:

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.

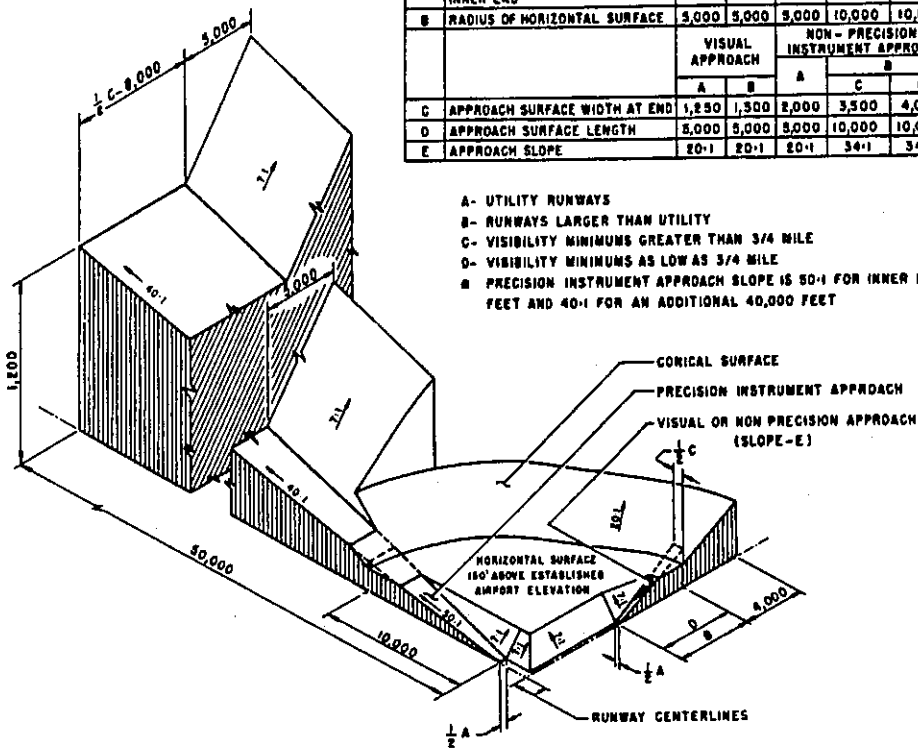
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

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		
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		
		1,250	1,500	2,000	3,500	4,000	
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*



ISOMETRIC VIEW OF SECTION A-A

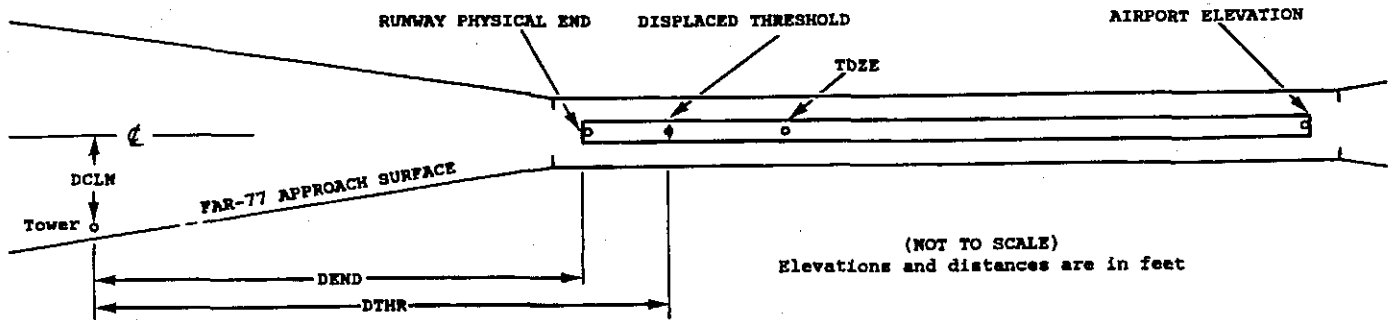
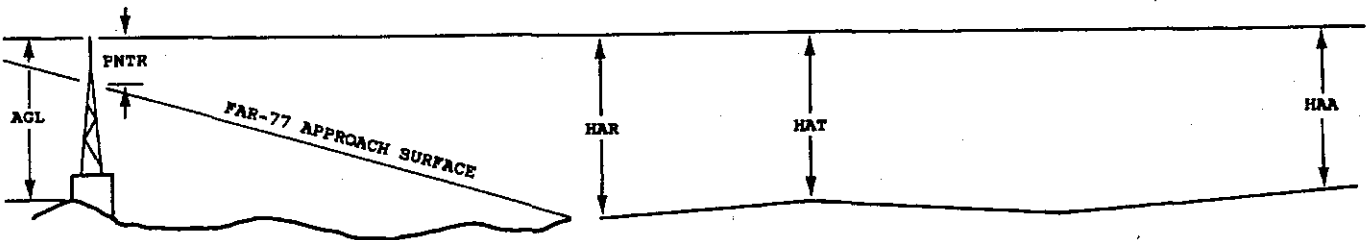
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

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

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AIRPORT ELEVATION 631

16 AV 631/ 631 324008.891 -970544.151 1680110.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
HANGAR	323945.17	-970532.22	1A	630		-1	-1	-1	-2556		500L	15
ANT ON OL POLE	323951.95	-970545.84	1A	653		22	22	22	-1645		496R	32
LTD WSK	323954.90	-970544.23	1A	653		22	22	22	-1381		300R	30
SIGN	324010.74	-970549.35	1A	635		4	4	4	275		396R	1
TREE	324013.41	-970539.63	1A	646		15	15	15	367		473L	7
TREE	324030.95	-970544.73	1A	659		28	28	28	2191		414L	-71

34 PIR 596/ 619 323920.498 -970532.012 3480116.

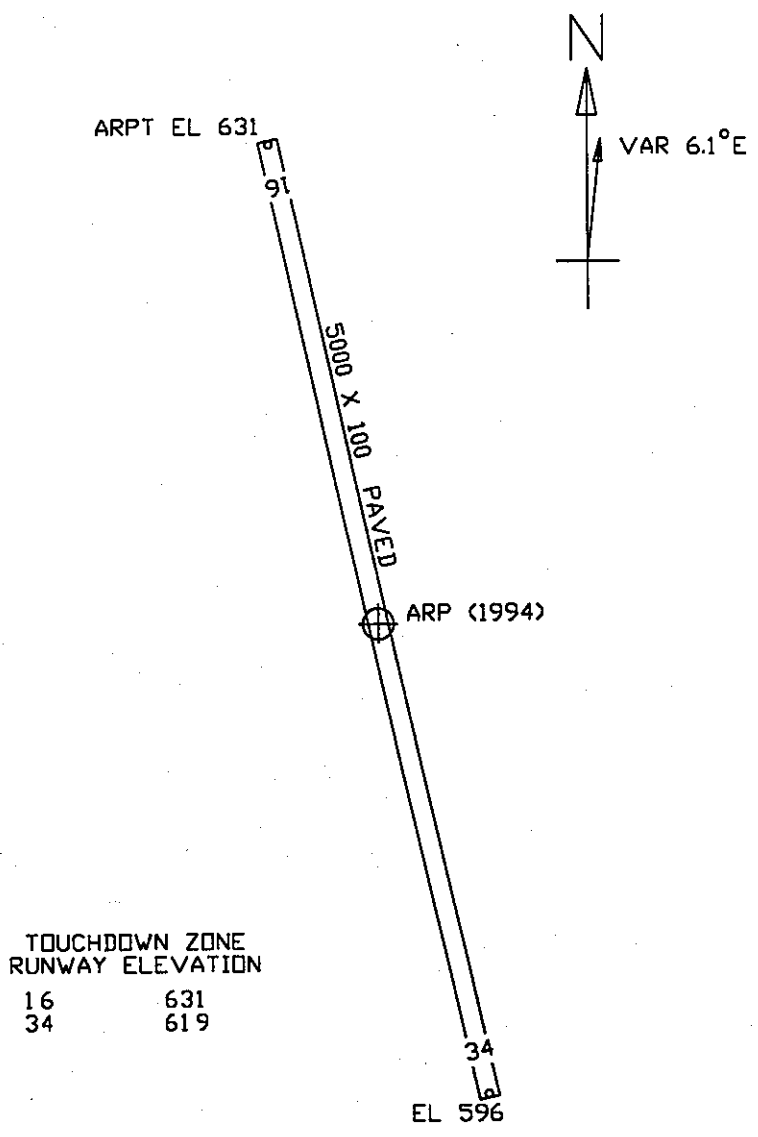
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LTD WSK	323954.90	-970544.23	1A	653		57	34	22	-3618		300L	30
ANT ON OL POLE	323951.95	-970545.84	1A	653		57	34	22	-3354		496L	32
HANGAR	323945.17	-970532.22	1A	630		34	11	-1	-2443		500R	15
TREE	323911.05	-970535.29	1A	608		12	-11	-23	875		472L	-2
TREE	323900.74	-970531.61	1A	629		33	10	-2	1960		381L	-2
TREE	323846.51	-970528.36	1A	641		45	22	10	3424		408L	-20
TRMSN TWR	323833.32	-970506.64	1A	711		115	92	80	5114		1133R	17
TRMSN TWR	323828.89	-970506.28	1A	726		130	107	95	5558		1070R	23
TRMSN TWR	323824.55	-970518.82	1A	720		124	101	89	5764		70L	13
TRMSN TWR	323821.17	-970529.17	1A	720		124	101	89	5916		1007L	10
ANT	323750.55	-970456.41	1A	755		159	136	124	9524		1091R	-28

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AIRPORT ELEVATION 631

ARP 323944.695 -970538.081

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
HANGAR	323934.73	-970529.31	1A	631		0	13714	1255
ROD ON OL APBN	323956.25	-970532.20	1A	672		41	1710	1271
ROD ON SIGN	323956.95	-970534.61	1A	651		20	721	1274
ANT ON HANGAR	324001.28	-970535.82	1A	644		13	28	1687
LIGHT	323928.00	-970524.18	1A	658		27	13844	2063
ANT ON OL BLDG	324002.65	-970554.70	1A	712		81	31550	2305
OL ON MCWV TWR	324002.09	-970557.47	1A	739		108	31035	2416
TREE	324011.64	-970552.78	1A	661		30	32907	2999
OL ON BLDG	324009.63	-970557.78	1A	703		72	32009	3031
TRMSN TWR	323848.64	-970506.90	1A	702		71	14842	6260
TRMSN TWR	323838.35	-970506.62	1A	710		79	15202	7224
TRMSN TWR	323829.36	-970502.98	1A	696		65	15223	8183
OL LT POLE	324113.62	-970556.61	1A	734		103	34354	9125
ROD ON OL LT	324040.53	-970411.03	1A	762		131	4643	9338
BLDG	324100.36	-970655.93	1A	766		135	31252	10136
OL ON TANK	323756.71	-970648.55	1A	821		190	20248	12465
ANT	323805.36	-970408.68	1A	781	201	150	13636	12617
OL ON TANK	324134.59	-970718.64	1A	828		197	31610	14043



ARLINGTON MUNICIPAL AIRPORT
 ARLINGTON, TEXAS
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)