

# OBSTRUCTION DATA SHEET

ODS 5344  
KILLEEN MUNICIPAL AIRPORT  
KILLEEN, TEXAS

DIGITIZED FROM

OC 5344  
SURVEYED FEBRUARY 1994  
5TH EDITION

HORIZONTAL DATUM NAD 83  
VERTICAL DATUM NGVD 29



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## ATTENTION

See SPECIAL NOTICES in "Dates of Latest Editions, Airport Obstruction Charts - Obstruction Data Sheets," for possible corrections. National Oceanic and Atmospheric Administration (NOAA) publications are available through NOAA Distribution Branch (N/CG33), National Ocean Service, Riverdale, MD 20737. Telephone: 301-436-6990

## 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.

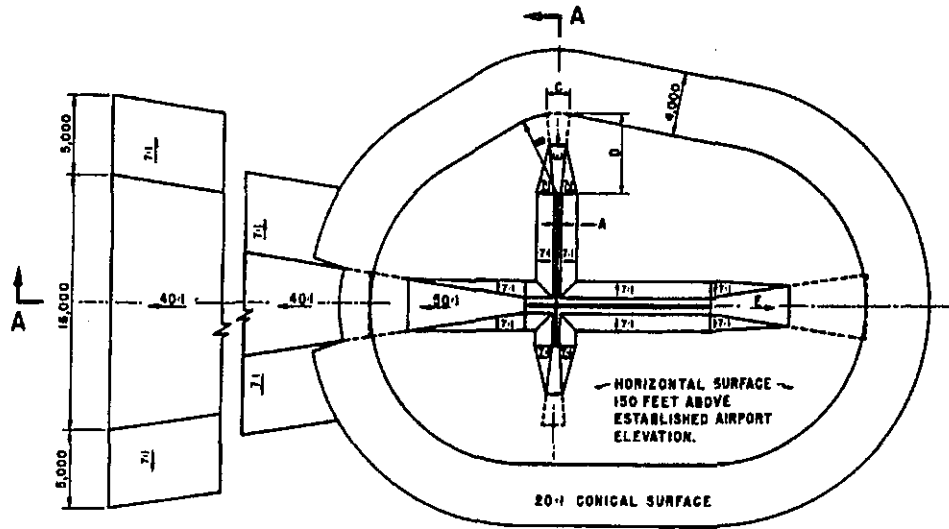
ODS information is arranged as follows:

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.

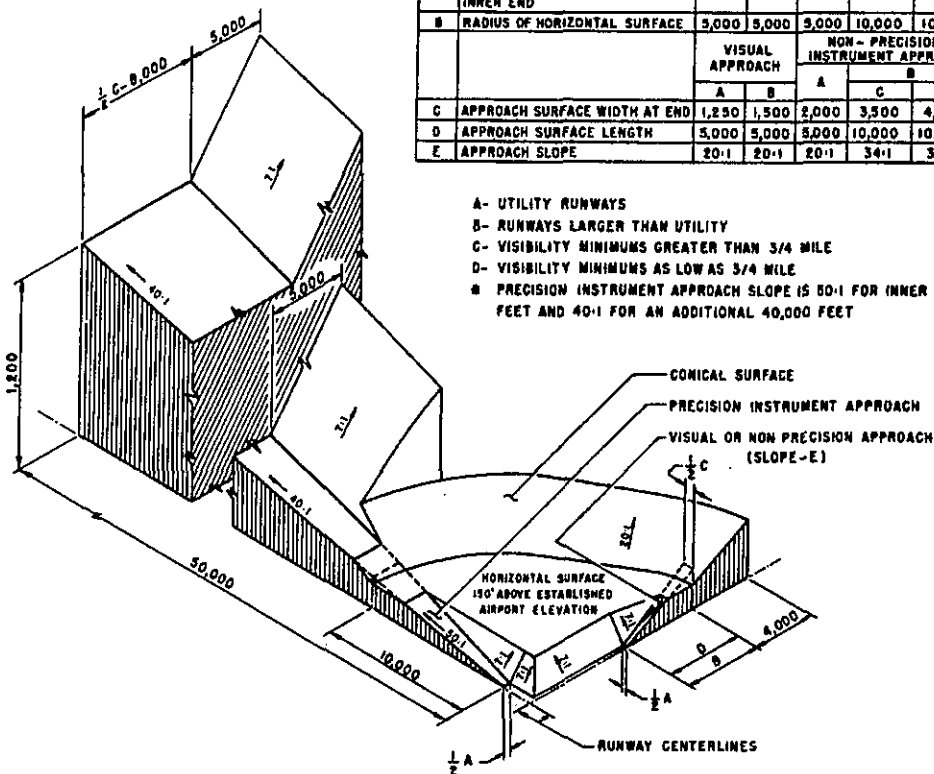
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

- 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	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	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	C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
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**

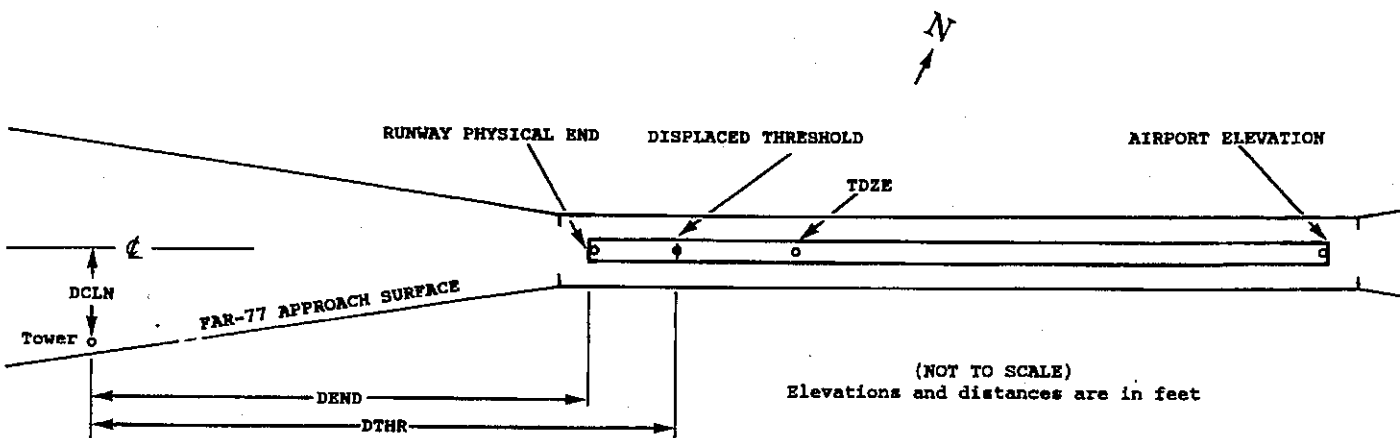
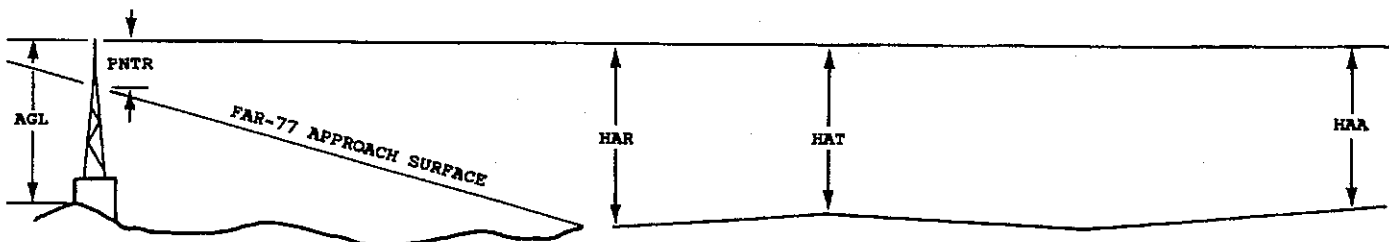
# ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

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

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## 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).

OC5344

AIRPORT ELEVATION 847

1 PIR 847/ 310442.944 -974120.504 164807. 843/ 843 310451.033 -974117.666

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT POLE	310530.09	-974058.09	1A	869		22	26	22	-5123	-4269	489R	29
GROUND	310513.88	-974114.29	1A	846		-1	3	-1	-3148	-2294	386L	7
OL ON LTD WSK	310507.77	-974115.41	1A	874		27	31	27	-2530	-1676	301L	34
ROD ON OL GS	310501.99	-974118.63	1A	883		36	40	36	-1889	-1035	400L	43
GROUND	310451.29	-974123.52	1A	857		10	14	10	-732	122	495L	13
LT POLE	310443.15	-974114.57	1A	870		23	27	23	-169	685	488R	23
BLDG	310443.14	-974125.42	1A	856		9	13	9	104	958	415L	9
ROAD(N)	310442.16	-974126.81	1A	867		20	24	20	234	1088	502L	19
POLE	310439.08	-974115.93	1A	873		26	30	26	259	1113	494R	24
OL ON BLDG	310439.34	-974117.70	1A	859		12	16	12	278	1132	338R	10
OL ON BLDG	310439.87	-974120.63	1A	857		10	14	10	301	1155	80R	8

19 SUPLC 841/ 841 310535.001 -974102.238 1964816.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BLDG	310443.14	-974125.42	1A	856		15	15	9	-5598		415R	9
LT POLE	310443.15	-974114.57	1A	870		29	29	23	-5325		488L	23
GROUND	310451.29	-974123.52	1A	857		16	16	10	-4762		495R	13
ROD ON OL GS	310501.99	-974118.63	1A	883		42	42	36	-3605		400R	43
OL ON LTD WSK	310507.77	-974115.41	1A	874		33	33	27	-2964		301R	34
GROUND	310513.88	-974114.29	1A	846		5	5	-1	-2346		386R	7
LT POLE	310530.09	-974058.09	1A	869		28	28	22	-371		489L	29
OL LOC	310537.88	-974101.23	1A	845		4	4	-2	304		0R	1
POLE	310539.38	-974106.56	1A	865		24	24	18	315		488R	21
ANT ON BLDG	310537.52	-974058.07	1A	852		11	11	5	349		273L	7
BLDG	310539.57	-974100.57	1A	854		13	13	7	484		5L	5
POLE	310541.35	-974105.46	1A	868		27	27	21	534		453R	18
POLE	310543.28	-974104.00	1A	863		22	22	16	757		388R	6
TREE	310544.50	-974100.16	1A	876		35	35	29	971		105R	13

OC5344

AIRPORT ELEVATION 847

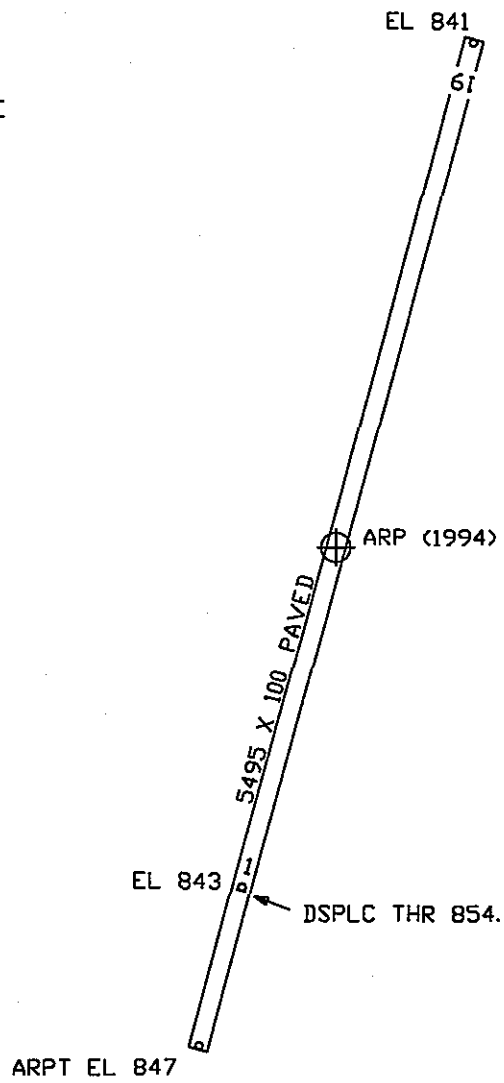
ARP 310508.972 -974111.372

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
TREE	310505.31	-974104.42	1A	872		25	11504	709
ROAD (N)	310502.40	-974107.53	1A	844		-3	14655	743
ROD ON OL APBN	310515.70	-974115.31	1A	905		58	32650	761
POLE	310516.76	-974101.82	1A	869		22	4009	1144
ROD ON OL MCWV TWR	310514.18	-974059.03	1A	884		37	5729	1195
POLE	310521.00	-974113.58	1A	865		18	34437	1230
TREE	310456.94	-974106.69	1A	892		45	15505	1282
TREE	310452.77	-974110.60	1A	866		19	17114	1638
POLE	310451.56	-974110.81	1A	862		15	17201	1760
ROD ON OL MCWV TWR	310530.61	-974119.37	1A	995		148	33557	2294
POLE	310445.50	-974112.48	1A	873		26	17555	2373
TREE	310450.60	-974128.47	1A	895		48	21217	2379
ROD ON HANGAR	310533.81	-974110.08	1A	872		25	35609	2512
POLE	310531.67	-974056.53	1A	869		22	2258	2631
POLE	310439.93	-974114.00	1A	882		35	17803	2943
POLE	310443.16	-974128.71	1A	883		36	20338	3012
POLE	310441.80	-974127.64	1A	880		33	20051	3088
OL SIGN	310435.09	-974113.16	1A	893		46	17611	3427
ANT ON OL TWR	310533.43	-974042.89	1A	941		94	3839	3499
LT POLE	310437.62	-974132.14	1A	894		47	20316	3646
ANT	310430.42	-974054.61	1A	967		120	15304	4159
ANT ON OL TANK	310532.85	-974009.27	1A	940		93	5931	5914
OL ON TANK	310430.68	-974007.88	1A	989		142	11837	6741
TRMSN TWR	310549.59	-974219.69	1A	961		114	29814	7219
TRMSN TWR	310603.61	-974220.64	1A	932		85	30606	8169
OL ON TWR	310630.04	-973950.92	1A	1035	239	188	3405	10771
OL TWR	310656.34	-974200.44	1A	1031	223	184	33208	11655





VAR 6.4° E



TOUCHDOWN ZONE	
RUNWAY ELEVATION	
1	843
19	841

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