

OBSTRUCTION DATA SHEET

ODS 548
SANTA FE COUNTY MUNICIPAL AIRPORT
SANTA FE, NEW MEXICO

DIGITIZED FROM

OC 548
SURVEYED APRIL 1993
10TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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ATTENTION

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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.

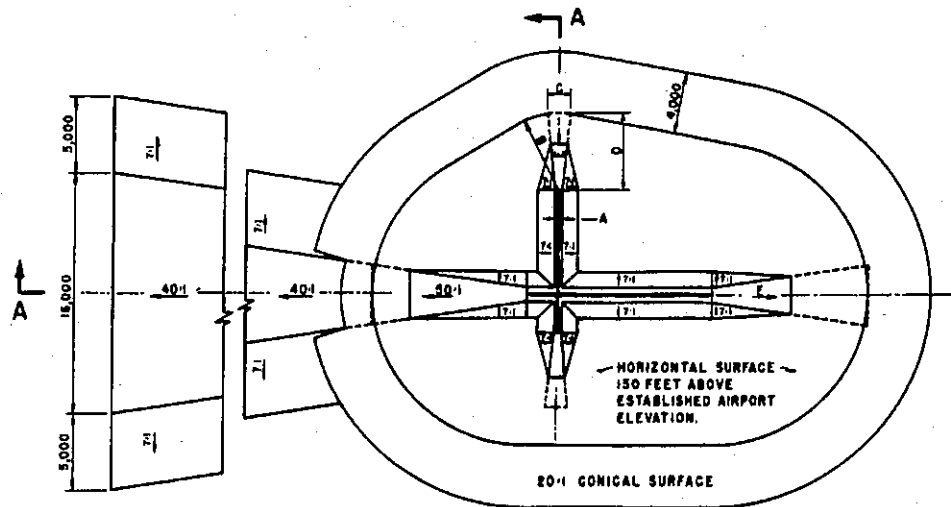
ODS information is arranged as follows:

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.

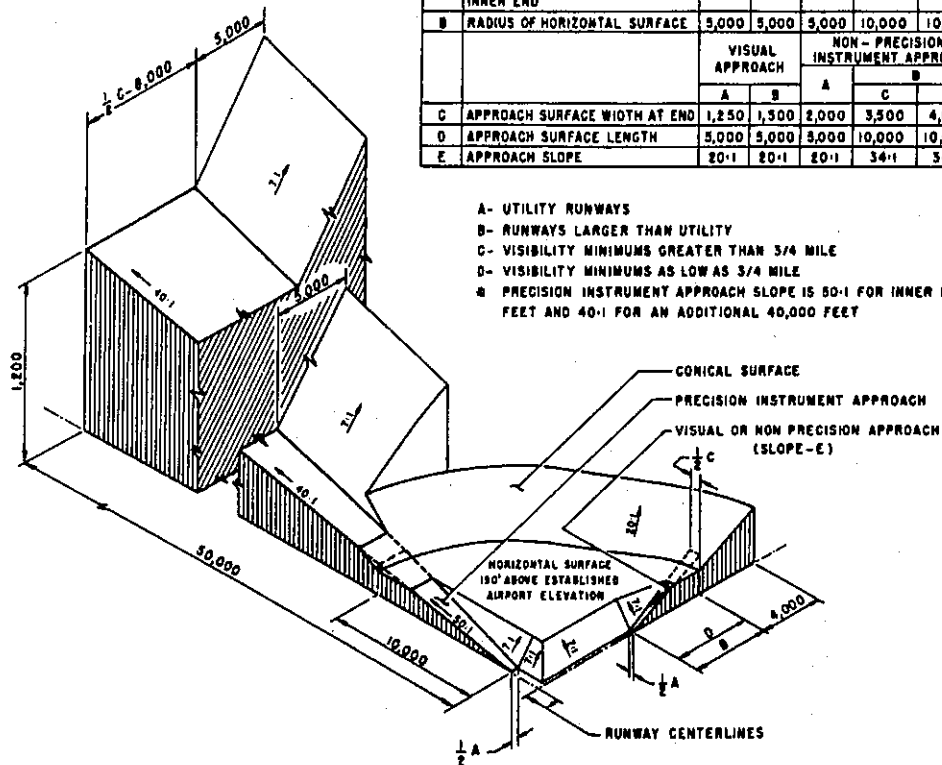
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

- 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	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	
D	APPROACH SURFACE LENGTH	1,250	1,500	2,000	3,500	4,000	16,000
E	APPROACH SURFACE SLOPE	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

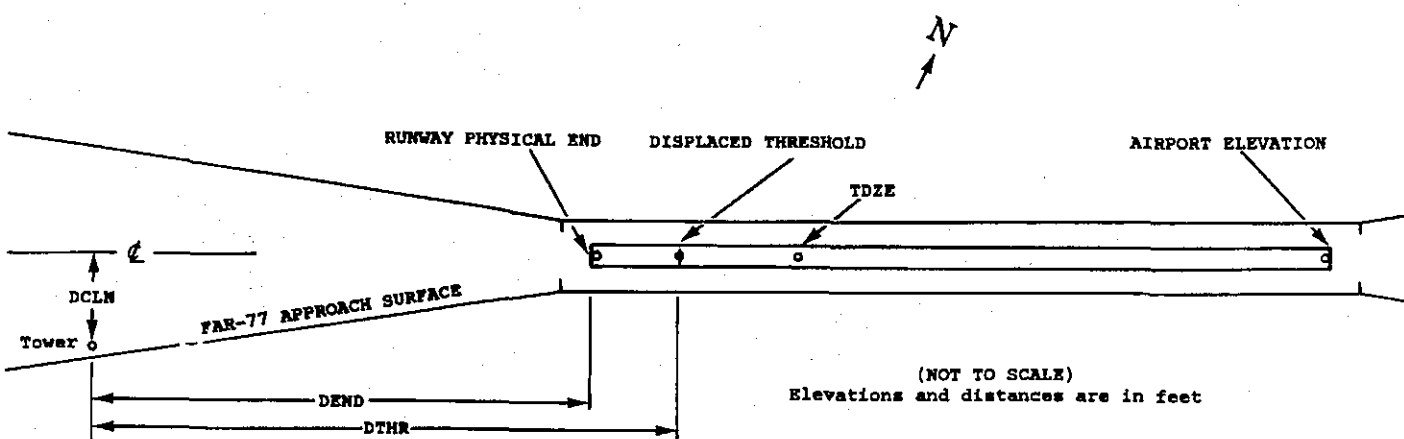
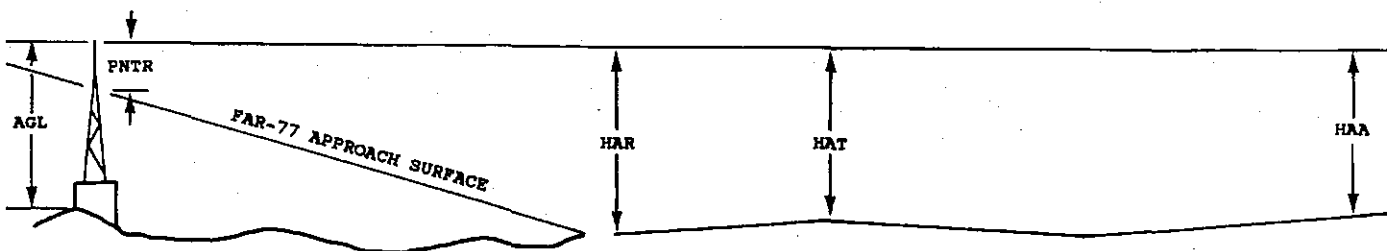
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

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	XXXXXXXX.XXX	XXXXXXXX	XXXX/XXXX	XXXXXX.XXX	XXXXXXXX.XXX			
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



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).

0C0548

AIRPORT ELEVATION 6344

10 AV 6300/ 353701.605 -1060526.755 1114108.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	353650.42	-1060452.32	1A	6308		8		-36	-3060		DR	14
ROAD (N)	353649.95	-1060454.48	1A	6308		8		-36	-2912		110R	13
BUSH	353702.06	-1060530.50	1A	6303		3		-41	305		71R	-2

28 AV 6294/ 353650.992 -1060454.076 2914127.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	353649.95	-1060454.48	1A	6308		14		-36	8		110L	13
ROAD (N)	353650.42	-1060452.32	1A	6308		14		-36	156		OR	14
BUSH	353648.21	-1060448.40	1A	6305		11		-39	539		88L	-6

15 SUPLC 6313/6313 353727.850 -1060529.602 1664039.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	353626.93	-1060509.32	1A	6274		-39	-39	-70	-6380		210L	6
BUSH	353721.17	-1060529.82	1A	6314		1	1	-30	-653		173R	2
BUSH	353722.23	-1060525.75	1A	6319		6	6	-25	-626		179L	6
SIGN	353725.09	-1060526.53	1A	6318		5	5	-26	-330		182L	5
BUSH	353729.84	-1060533.06	1A	6314		1	1	-30	261		231R	-1

33 C 6267/6301 353627.199 -1060512.015 3464049.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	353725.09	-1060526.53	1A	6318		51	17	-26	-5972		182R	5
BUSH	353722.23	-1060525.75	1A	6319		52	18	-25	-5676		179R	6
BUSH	353721.17	-1060529.82	1A	6314		47	13	-30	-5649		173L	2
BUSH	353626.93	-1060509.32	1A	6274		7	-27	-70	78		210R	6
BUSH	353624.31	-1060513.61	1A	6273		6	-28	-71	254		196L	4
BUSH	353622.12	-1060508.28	1A	6276		9	-25	-68	571		182R	-2

OC0548

AIRPORT ELEVATION 6344

2 PIR 6270/6299 353630.217 -1060546.088 350632.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	353720.09	-1060455.75	1A	6332		62	33	-12	-6515		499R	2
OL ON LTD WSK	353703.91	-1060511.99	1A	6339		69	40	-5	-4406		343R	29
ROD ON OL GS	353638.78	-1060544.87	1A	6316		46	17	-28	-767		416L	34
GROUND	353632.77	-1060550.59	1A	6282		12	-17	-62	3		453L	9
TREE	353627.34	-1060543.32	1A	6276		6	-23	-68	107		354R	5
GROUND	353630.86	-1060552.51	1A	6282		12	-17	-62	252		471L	11
BUSH	353626.52	-1060556.58	1A	6284		14	-15	-60	803		494L	2

20 SUPLC 6344/6344 353737.535 -1060448.118 2150705.

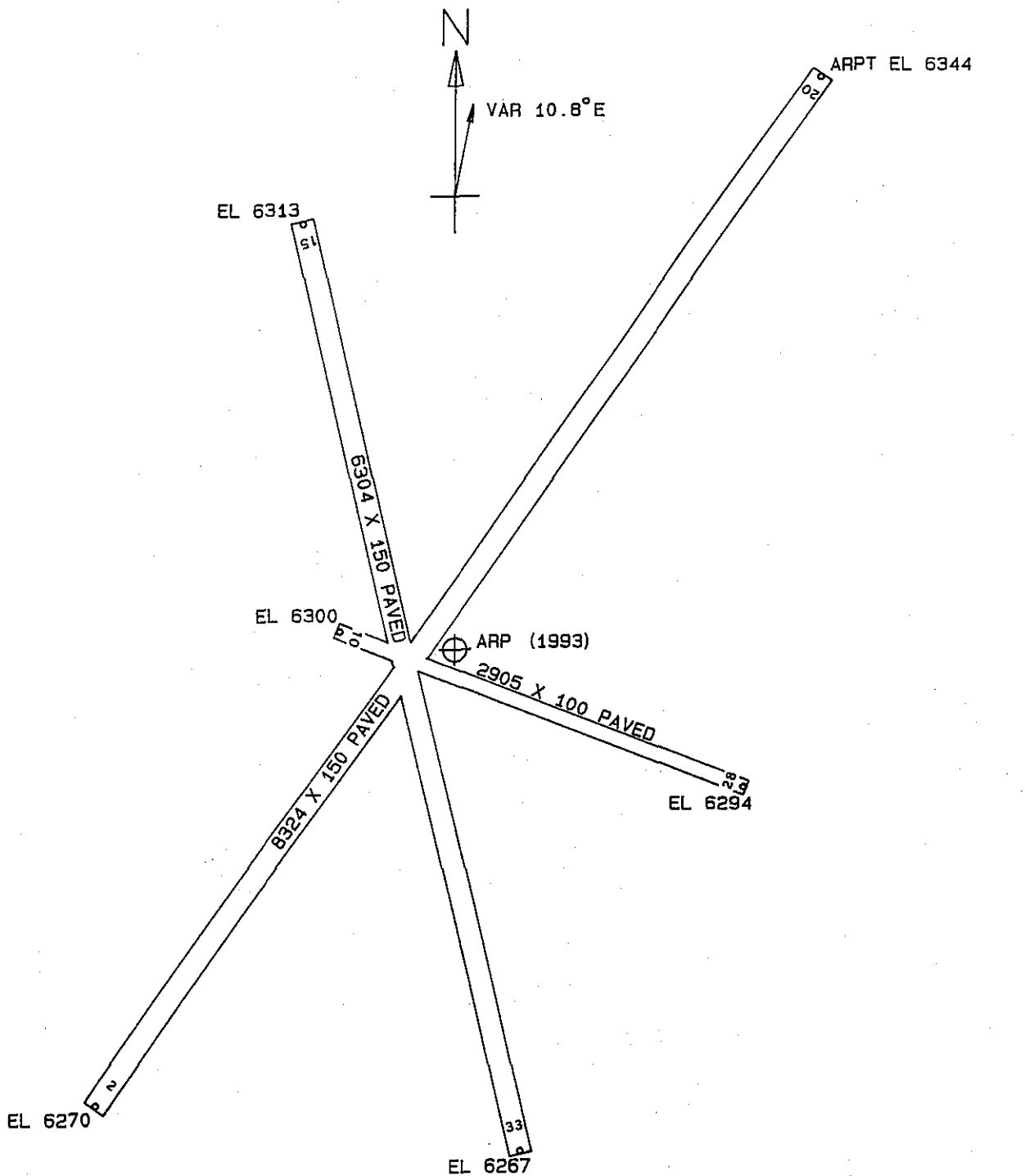
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	353627.34	-1060543.32	1A	6276		-68	-68	-68	-8427		354L	5
GROUND	353632.77	-1060550.59	1A	6282		-62	-62	-62	-8323		453R	9
ROD ON OL GS	353638.78	-1060544.87	1A	6316		-28	-28	-28	-7554		416R	34
OL ON LTD WSK	353703.91	-1060511.99	1A	6339		-5	-5	-5	-3914		343L	29
GROUND	353720.09	-1060455.75	1A	6332		-12	-12	-12	-1806		499L	2
OL ON LOC	353740.35	-1060445.70	1A	6350		6	6	6	347		OR	1
ANT ON BLDG	353740.00	-1060442.17	1A	6362		18	18	18	486		258L	9
BUSH	353739.66	-1060439.61	1A	6360		16	16	16	580		450L	4
POLE	353753.97	-1060431.96	1A	6387		43	43	43	2126		135L	-14

OC0548

AIRPORT ELEVATION 6344

ARP 353700.337 -1060517.328

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG	BEARING	DISTANCE
ROD ON TWR	353651.30	-1060510.58	1A	6338		-6	13749		1070
APBN AND ANT ON OL ATCT	353705.78	-1060504.50	1A	6387		43	5145		1194
SIGN	353652.16	-1060451.72	1A	6301		-43	10032		2270
LIGHT	353715.98	-1060456.01	1A	6363		19	3715		2367
BUSH	353628.16	-1060515.42	1A	6274		-70	16625		3257
POLE	353807.57	-1060253.98	1A	6500		156	4918		13647



TOUCHDOWN ZONE RUNWAY ELEVATION	
15	6313
33	6301
2	6299
20	6344

SANTA FE COUNTY MUNICIPAL AIRPORT
 SANTA FE, NEW MEXICO
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)