

OBSTRUCTION DATA SHEET

ODS 5889
ASPEN-PITKIN COUNTY AIRPORT/SARDY FIELD
ASPEN, COLORADO

DIGITIZED FROM

OC 5889
SURVEYED JUNE 1993
5TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29



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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.

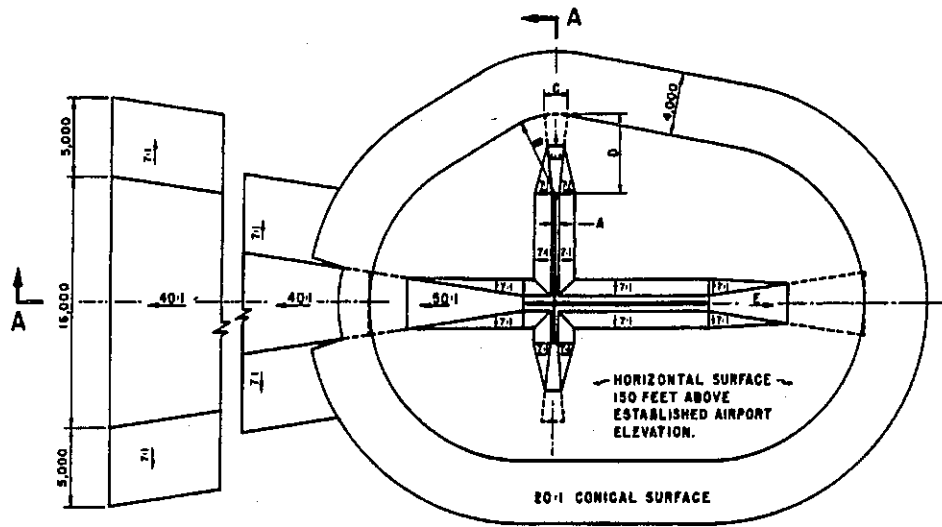
ODS information is arranged as follows:

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.

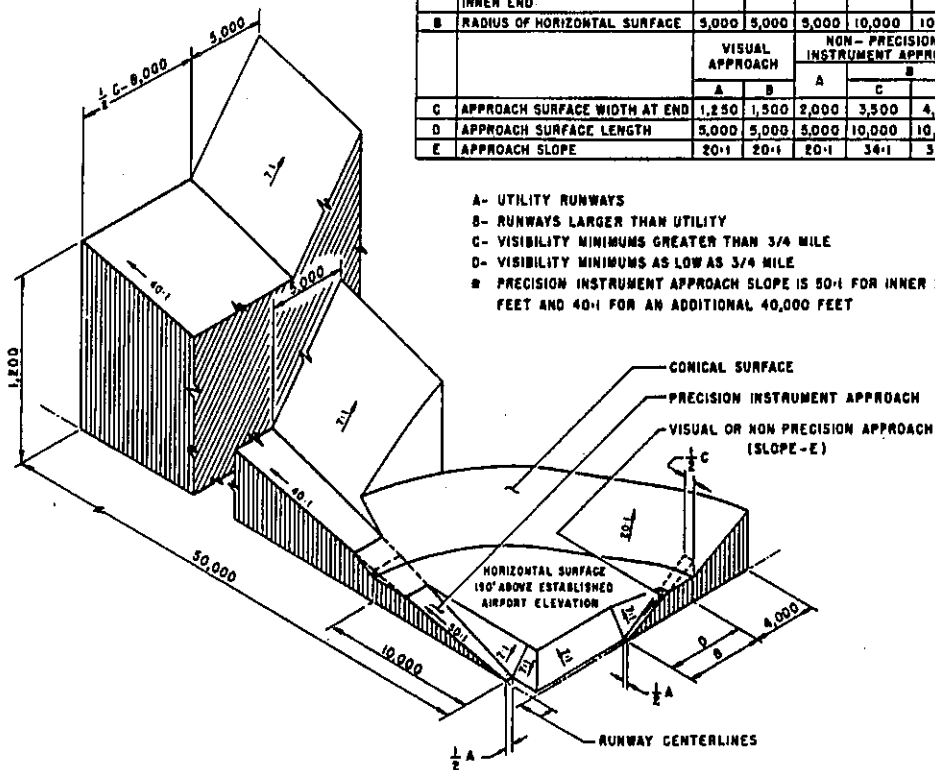
The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

- 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	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*



- 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
- * 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

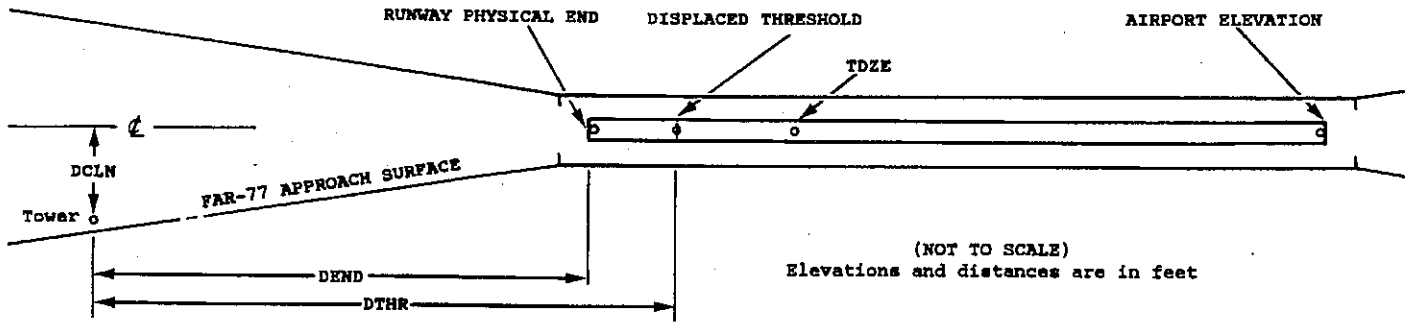
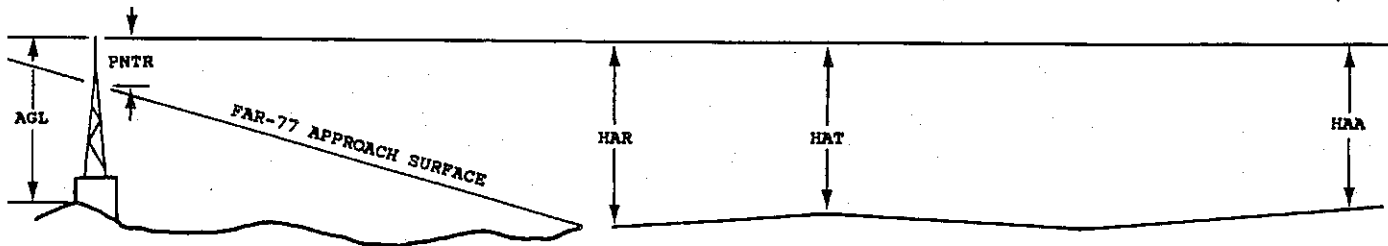
FAR-77 CIVIL AIRPORT
IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

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	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
XXXXXXXXXXXX			XXXXXX.XXX	XXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX	
XXXXXXXXXXXX			XXXXXX.XXX	XXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	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).

OC5889

AIRPORT ELEVATION 7815

15 C 7674/7731 391355.808 -1065223.324 1593746.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	391250.77	-1065149.93	1A	7818		144	87	3	-7084		173L	3
WSK	391254.02	-1065152.10	1A	7821		147	90	6	-6715		128L	12
WSK	391308.44	-1065158.99	1A	7784		110	53	-31	-5159		128L	9
WSK	391330.78	-1065209.62	1A	7738		64	7	-77	-2749		129L	12
GROUND	391341.95	-1065213.89	1A	7702		28	-29	-113	-1572		208L	1
OL AMOM	391345.55	-1065215.54	1A	7713		39	-18	-102	-1186		213L	20
TREE	391350.81	-1065218.10	1A	7712		38	-19	-103	-617		209L	29
WSK	391351.58	-1065219.52	1A	7694		20	-37	-121	-505		132L	13
OL ON TALAR	391350.76	-1065222.63	1A	7687		13	-44	-128	-498		127R	6
SCREEN AT REIL	391355.17	-1065224.18	1A	7677		3	-54	-138	-37		85R	2
GROUND	391354.95	-1065226.24	1A	7677		3	-54	-138	-1		245R	3
ROAD (N)	391358.41	-1065221.80	1A	7682		8	-49	-133	205		204L	7
BUSH	391414.43	-1065236.42	1A	7677		3	-54	-138	2125		310R	-54
BUSH	391438.32	-1065256.29	1A	7825		151	94	10	4935		934R	11

OC5889

AIRPORT ELEVATION 7815

33 SUPLC 7815/7815 391250.944 -1065152.364 3393806.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GROUND	391354.95	-1065226.24	1A	7677		-138	-138	-138	-6999		245L	3
SCREEN AT REIL	391355.17	-1065224.18	1A	7677		-138	-138	-138	-6963		85L	2
OL ON TALAR	391350.76	-1065222.63	1A	7687		-128	-128	-128	-6502		127L	6
WSK	391351.58	-1065219.52	1A	7694		-121	-121	-121	-6495		132R	13
TREE	391350.81	-1065218.10	1A	7712		-103	-103	-103	-6383		209R	29
OL AMOM	391345.55	-1065215.54	1A	7713		-102	-102	-102	-5814		213R	20
GROUND	391341.95	-1065213.89	1A	7702		-113	-113	-113	-5428		208R	1
WSK	391330.78	-1065209.62	1A	7738		-77	-77	-77	-4251		129R	12
WSK	391308.44	-1065158.99	1A	7784		-31	-31	-31	-1841		128R	9
WSK	391254.02	-1065152.10	1A	7821		6	6	6	-285		128R	12
SIGN	391250.77	-1065149.93	1A	7818		3	3	3	84		173R	3
GROUND	391247.99	-1065147.37	1A	7821		6	6	6	416		265R	0
ROAD (N)	391244.87	-1065153.03	1A	7837		22	22	22	558		263L	12
POLE	391242.46	-1065152.11	1A	7847		32	32	32	811		280L	14
POLE	391240.32	-1065150.23	1A	7856		41	41	41	1066		217L	16
POLE	391238.30	-1065143.16	1A	7862		47	47	47	1451		234R	11
LIGHT	391237.05	-1065140.99	1A	7869		54	54	54	1630		350R	12
TREE	391222.97	-1065133.74	1A	7908		93	93	93	3163		389R	6
POLE	391218.32	-1065145.52	1A	7978		163	163	163	3281		644L	73
POLE	391217.31	-1065135.74	1A	7925		110	110	110	3645		43R	9
TREE	391212.21	-1065142.45	1A	8081		266	266	266	3945		632L	156
TREE	391204.97	-1065141.72	1A	8204		389	389	389	4652		833L	258
TREE	391201.67	-1065135.71	1A	8145		330	330	330	5130		506L	185
TREE	391159.10	-1065136.91	1A	8239		424	424	424	5340		685L	273
TREE	391150.76	-1065134.48	1A	8256		441	441	441	6198		800L	265
POLE	391145.56	-1065116.23	1A	8137		322	322	322	7191		364R	117
TREE	391130.40	-1065127.23	1A	8245		430	430	430	8328		981L	191
TREE	391120.33	-1065129.20	1A	8424		609	609	609	9229		1480L	344

OC5889

AIRPORT ELEVATION 7815

ARP 391323.376 -1065207.842

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG	BEARING	DISTANCE
GROUND	391322.98	-1065212.25	1A	7760		-55	25141		350
GROUND	391318.16	-1065209.93	1A	7769		-46	18535		553
GROUND	391326.30	-1065214.72	1A	7754		-61	28657		617
HANGAR	391330.00	-1065205.78	1A	7757		-58	156		689
TREE	391317.92	-1065215.68	1A	7846		31	21628		827
OL ON LTD WSK	391329.92	-1065215.81	1A	7753		-62	30452		912
ANT ON OL ATCT	391332.56	-1065205.96	1A	7795		-20	35721		941
BUSH	391311.01	-1065206.23	1A	7783		-32	16231		1257
BUSH	391333.77	-1065216.61	1A	7736		-79	31502		1257
TREE	391327.78	-1065224.06	1A	7838		23	27734		1352
TREE	391333.99	-1065221.32	1A	7789		-26	30339		1509
TREE	391320.32	-1065229.77	1A	7953		138	24808		1753
TREE	391342.46	-1065222.27	1A	7747		-68	31750		2240
GROUND	391300.80	-1065200.62	1A	7793		-22	15419		2353
FENCE	391258.70	-1065151.48	1A	7810		-5	14100		2809
TREE	391354.21	-1065217.57	1A	7727		-88	33430		3212
BUSH	391251.47	-1065213.37	1A	8189		374	17558		3257
FENCE	391351.72	-1065228.23	1A	7735		-80	31904		3286
GROUND	391250.68	-1065157.72	1A	7837		22	15445		3402
ROAD (N)	391249.40	-1065157.70	1A	7848		33	15513		3529
TREE	391357.48	-1065218.89	1A	7722		-93	33409		3558
TREE	391359.65	-1065218.67	1A	7718		-97	33514		3767
ROAD (N)	391247.01	-1065155.17	1A	7844		29	15308		3812
POLE	391240.33	-1065154.97	1A	7868		53	15512		4472
TACAN	391247.75	-1065129.27	1A	8033		218	12811		4712
BUSH	391241.44	-1065133.16	1A	7982		167	13532		5045
ROD ON OL ASR	391353.64	-1065259.04	1A	8534		719	29532		5061
TREE	391348.45	-1065110.81	1A	8450		635	4849		5155
ANT ON BLDG	391353.61	-1065112.81	1A	8411		596	4303		5302
ANT ON CHY	391342.29	-1065102.78	1A	8478		663	5748		5466
BUSH	391354.88	-1065304.61	1A	8511		696	29348		5488
CHY	391334.72	-1065056.97	1A	8494		679	6639		5694
BLDG	391222.99	-1065154.79	1A	8093		278	15845		6195
ANT ON BLDG	391219.96	-1065206.92	1A	8400		585	16739		6416
TREE	391419.44	-1065124.79	1A	8320		505	1908		6607
ROD ON OL TWR	391227.78	-1065120.62	1A	8047		232	13450		6742
POLE	391216.44	-1065147.56	1A	8071		256	15501		6958
BUSH	391425.53	-1065247.70	1A	7770		-45	32147		7027
BUSH	391333.92	-1065337.24	1A	8681		866	26655		7115
TREE	391259.43	-1065041.72	1A	8002		187	9757		7198
BUSH	391431.13	-1065255.28	1A	7991		176	31943		7805

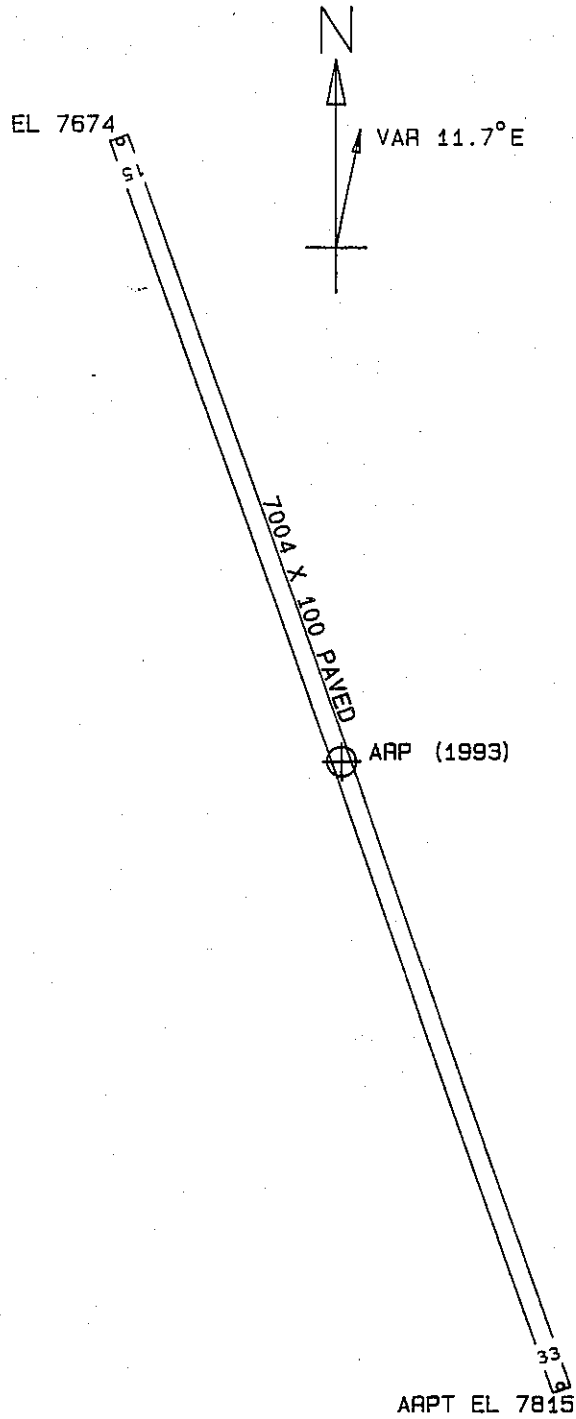
OC5889

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AIRPORT ELEVATION 7815

ARP 391323.376 -1065207.842

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
BUSH	391424.93	-1065049.64	1A	8740		925	3257	8755
BUSH	391318.94	-1065401.14	1A	8694		879	25525	8927
TREE	391358.27	-1065023.31	1A	9252		1437	5503	8951
BUSH	391232.39	-1065033.33	1A	8287		472	11301	9052
TREE	391153.88	-1065139.86	1A	8394		579	15437	9318
ANT	391332.98	-1065009.20	1A	9383		1568	7220	9386
TREE	391402.76	-1065018.08	1A	9357		1542	5331	9512
TREE	391457.56	-1065136.53	1A	8170		355	247	9842
TREE	391215.48	-1065340.51	1A	8629		814	21501	10019
VENT ON BLDG	391501.86	-1065138.17	1A	8160		345	129	10233
TREE	391425.15	-1065007.46	1A	9286		1471	4452	11348
TREE	391129.94	-1065210.14	1A	9048		1233	16912	11478
TREE	391359.64	-1064947.39	1A	9671		1856	5955	11645
TREE	391301.55	-1065433.58	1C	8731		916	24724	11679
TREE	391201.90	-1065358.02	1A	8942		1127	21445	11964
TREE	391347.37	-1064938.02	1A	9908		2093	6639	12037
POLE	391451.20	-1065400.43	1A	8492		677	30323	12547
TREE	391108.62	-1065138.47	1A	8880		1065	15840	13828
TREE	391131.19	-1065348.23	1A	9266		1451	20309	13829
TREE	391323.98	-1064859.82	1A	10364		2549	7802	14796
ANT ON BLDG	391056.98	-1065230.93	1A	9736		1921	17517	14922
CHY	391211.85	-1064915.67	1C	8190		375	10623	15362
BUSH	391532.32	-1065015.74	1C	8272		457	2221	15747
BUSH	391503.49	-1065448.36	1A	8856		1041	29702	16189
TREE	391452.11	-1065502.92	1A	9096		1281	29124	16442
GROUND	391117.31	-1064948.45	1A	8776		961	12735	16824
TREE	391045.52	-1065057.49	1A	8787		972	14910	16904
TREE	391111.17	-1064947.75	1A	8979		1164	12847	17334



TOUCHDOWN ZONE RUNWAY ELEVATION	
15	7731
33	7815

ASPEN-PITKIN COUNTY AIRPORT/SARDY FIELD
 ASPEN, COLORADO
 (NOT TO SCALE)
 (ELEVATIONS AND DISTANCES IN FEET)