OBSTRUCTION DATA SHEET

ODS 5591
REID - HILLVIEW OF SANTA CLARA COUNTY AIRPORT
SAN JOSE, CALIFORNIA

DIGITIZED FROM

OC 5591
SURVEYED MARCH 1992
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HORIZONTAL DATUM NAD83
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FOR THE FEDERAL AVIATION ADMINISTRATION

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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).

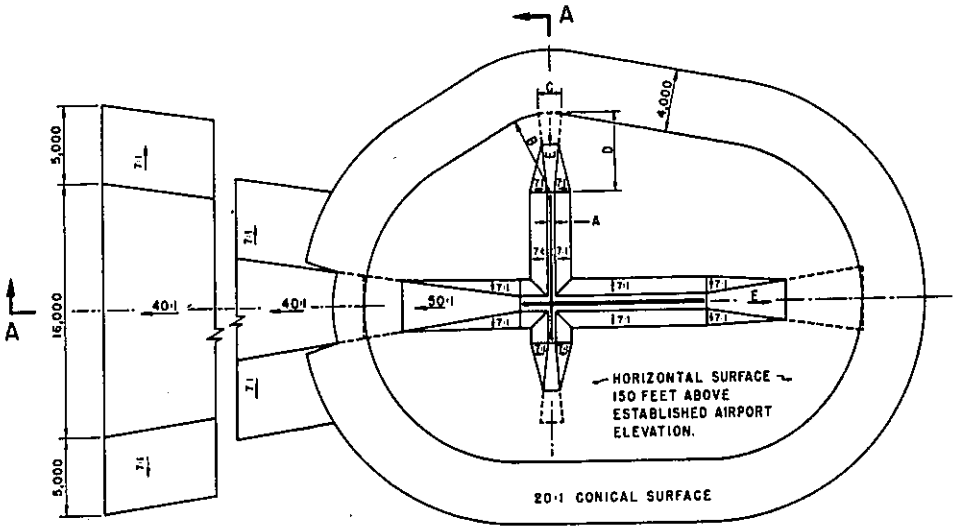
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

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:

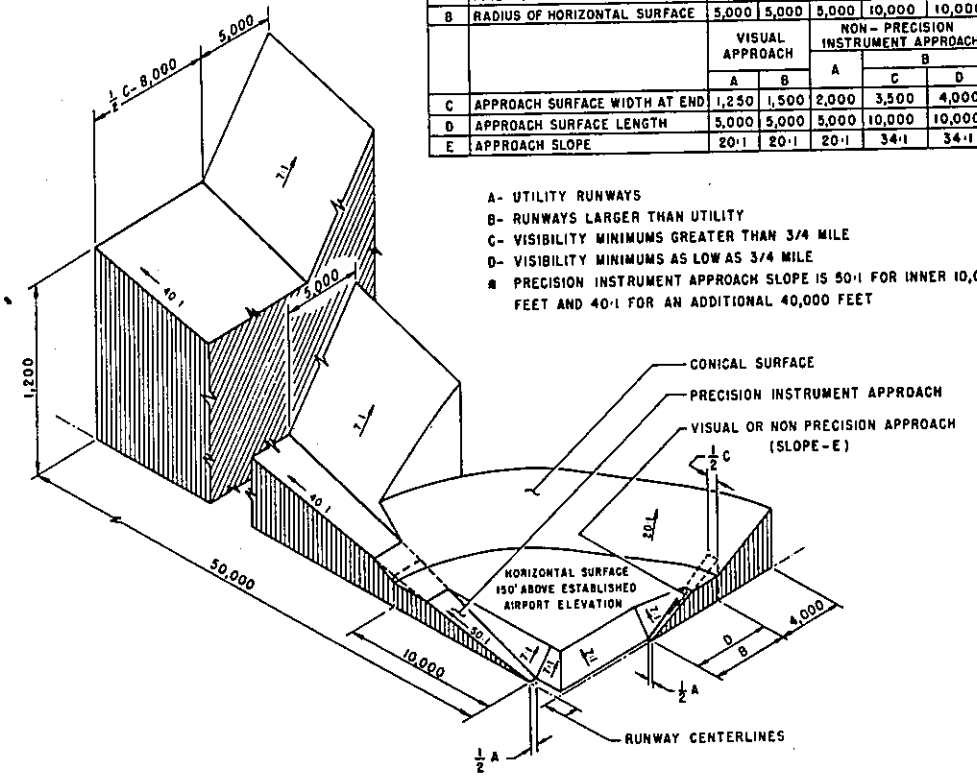
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C .... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D .... Nonutility runway- nonprecision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

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

X[1] X[2] XXXX/XXXX[3] XXXXXX.XXX[4] XXXXXXX.XXX[4] XXXXXXX[5] XXXX/XXXX[6] XXXXXX.XXX[7] XXXXXXX.XXX[7]

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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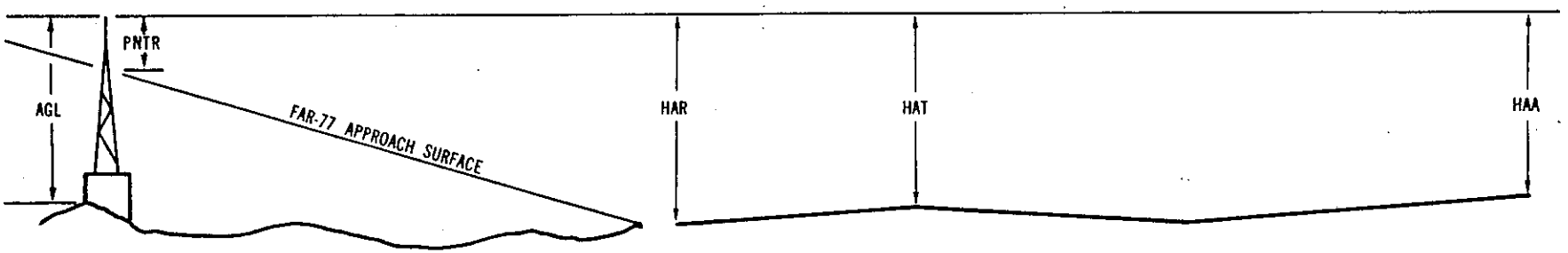
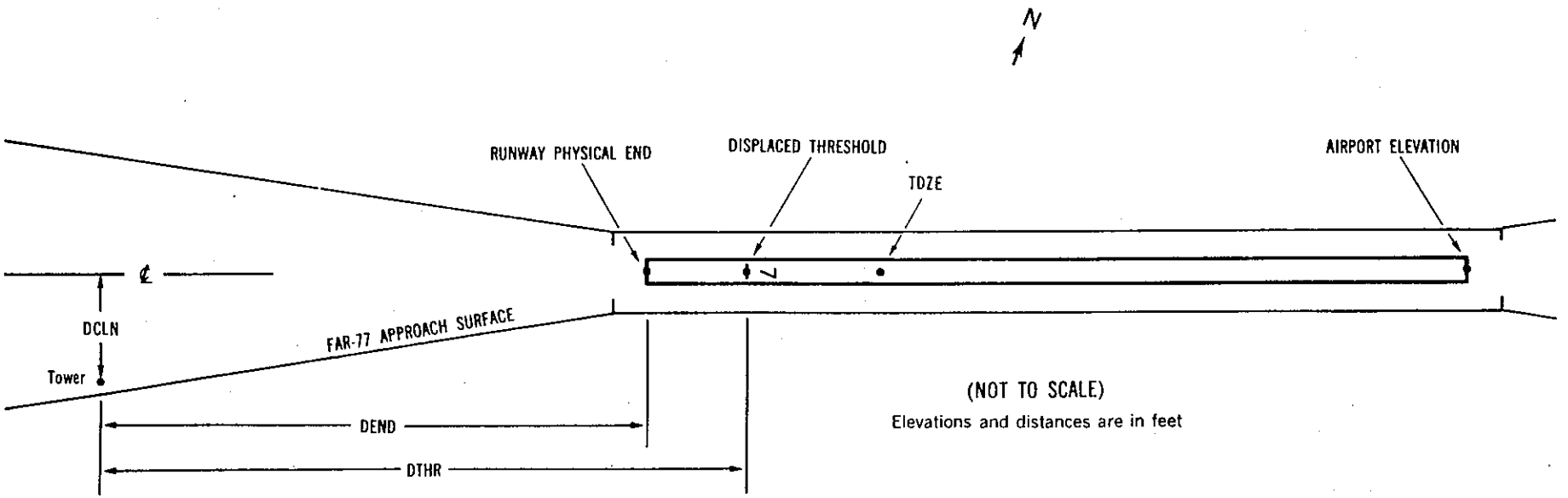




(NOT TO SCALE)

Elevations and distances are in feet

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).

OC5591

AIRPORT ELEVATION 133

13L AV 121/ 372011.463 -1214921.362 1425337. 121/ 133 372007.595 -1214917.698

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	371945.59	-1214856.94	1A	148		27	15	15	-3277	-2787	6R	15
OL LIGHT STANDARD	371945.20	-1214858.12	1A	144		23	11	11	-3251	-2761	105R	11
ROAD (N)	372017.33	-1214926.96	1A	136		15	3	3	746	1236	3R	-12
TREE	372018.24	-1214927.58	1A	153		32	20	20	849	1340	13L	0
TREE	372019.25	-1214928.83	1A	164		43	31	31	991	1482	6R	4
TREE	372021.14	-1214927.34	1A	173		52	40	40	1072	1562	206L	9
TREE	372028.03	-1214937.35	1A	173		52	40	40	2116	2606	18R	-44

31R AV 133/ 371947.012 -1214858.200 3225351. 130/ 130 371950.167 -1214901.189

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL LIGHT STANDARD	371945.20	-1214858.12	1A	144		11	14	11	150	550	105L	11
ROAD (N)	371945.59	-1214856.94	1A	148		15	18	15	176	577	6L	15
LIGHT STANDARD	371943.95	-1214855.63	1A	153		20	23	20	372	772	21L	12
TREE	371943.01	-1214854.01	1A	173		40	43	40	527	927	26R	24
TREE	371943.32	-1214852.37	1A	174		41	44	41	582	982	150R	22
TREE	371940.93	-1214854.74	1A	163		30	33	30	659	1059	148L	7
TREE	371937.30	-1214850.67	1A	193		60	63	60	1150	1551	107L	13
TREE	371928.78	-1214843.16	1A	246		113	116	113	2204	2604	144L	13

OC5591

AIRPORT ELEVATION 133

13R AV 120/ 372009.661 -1214924.325 1425219. 121/ 131 372005.798 -1214920.662

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROAD (N)	371943.75	-1214859.53	1A	147		27	16	14	-3298	-2808	15L	16
FENCE	371944.12	-1214900.01	1A	140		20	9	7	-3245	-2755	7L	9
ROAD (N)	372015.43	-1214929.78	1A	133		13	2	0	731	1221	1L	-14
LIGHT STANDARD	372015.90	-1214930.25	1A	150		30	19	17	792	1282	1R	0
TREE	372017.24	-1214933.93	1A	169		49	38	36	1079	1569	156R	5
TREE	372019.13	-1214933.02	1A	169		49	38	36	1187	1677	18L	-1
TREE	372022.89	-1214936.40	1A	171		51	40	38	1655	2145	30L	-22
TREE	372028.03	-1214937.35	1A	173		53	42	40	2117	2607	283L	-43

31L AV 131/ 371945.232 -1214901.166 3225233. 128/ 128 371948.379 -1214904.149

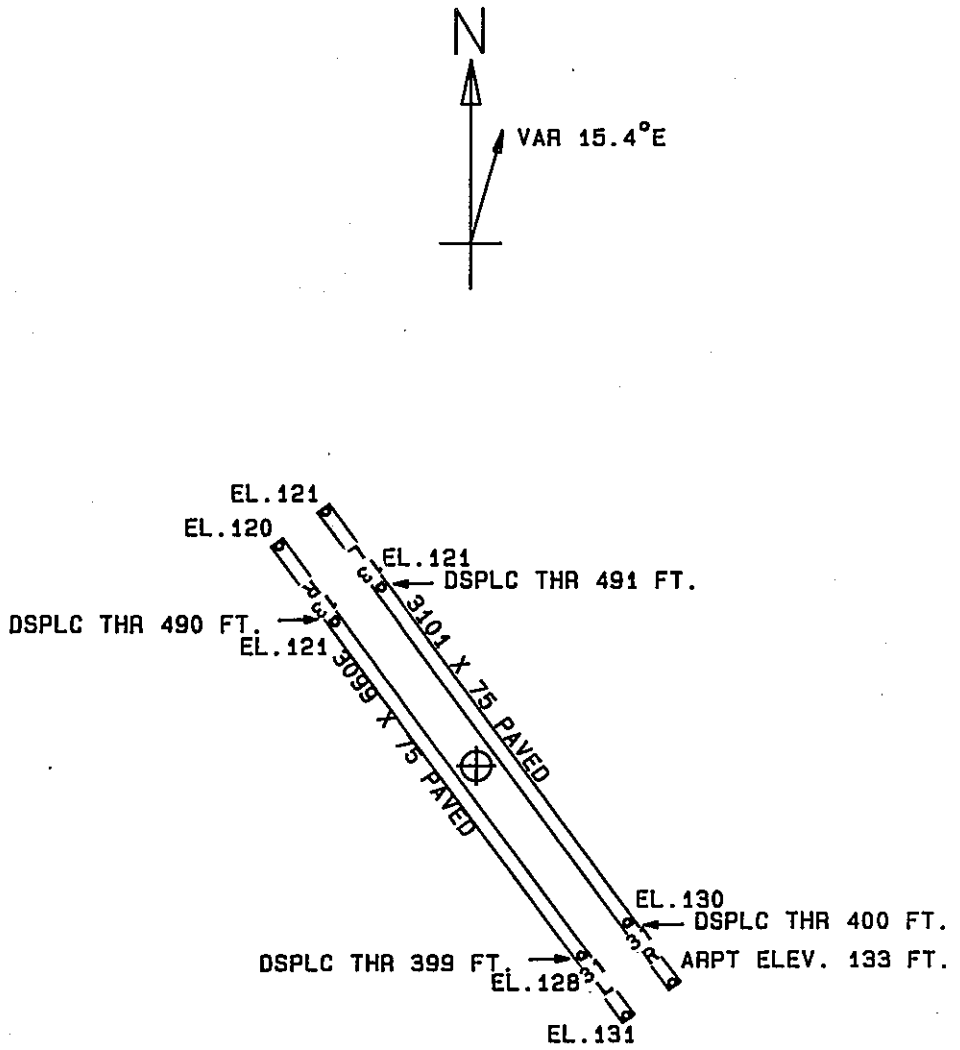
OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	371944.12	-1214900.01	1A	140		9	12	7	146	545	7R	9
ROAD (N)	371943.75	-1214859.53	1A	147		16	19	14	200	599	15R	16
LIGHT STANDARD	371939.53	-1214857.92	1A	155		24	27	22	618	1017	139L	3
TREE	371940.93	-1214854.74	1A	163		32	35	30	660	1059	151R	9
TREE	371939.81	-1214855.57	1A	165		34	37	32	710	1109	30R	8
TREE	371937.44	-1214856.29	1A	175		44	47	42	866	1265	162L	10
TREE	371937.30	-1214850.67	1A	193		62	65	60	1151	1551	192R	14
OL ON BLDG	371933.74	-1214852.17	1A	195		64	67	62	1365	1764	122L	5
TREE	371928.78	-1214843.16	1A	246		115	118	113	2205	2604	155R	14

OC5591

AIRPORT ELEVATION 133

ARP 371958.343 -1214911.262

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
OL ON AMOM	371959.24	-1214912.05	1A	139		6	30928	111
OL ON LIGHTED WINDSOCK	372001.17	-1214913.89	1A	152		19	30800	356
ANT ON OL ATCT	371953.07	-1214915.38	1A	187		54	19630	629
CEILOMETER	371952.87	-1214905.93	1A	133		0	12642	702
TREE	371959.76	-1214922.36	1A	177		44	26342	907
TREE	372008.80	-1214910.96	1A	191		58	34556	1058
LIGHT STANDARD	372009.45	-1214913.90	1A	160		27	33352	1144
TREE	372002.76	-1214924.48	1A	176		43	27717	1157
POLE	372006.64	-1214927.23	1A	143		10	28739	1539
OL LIGHT STANDARD	371948.37	-1214854.16	1A	171		38	11044	1711
LIGHT STANDARD	372014.63	-1214918.69	1A	159		26	32436	1753
ROD ON OL APBN	372015.47	-1214905.82	1A	176		43	35850	1787
LIGHT STANDARD	371941.59	-1214903.40	1A	168		35	14404	1810
POLE	372009.10	-1214929.74	1A	142		9	29042	1847
OL LIGHT STANDARD	371946.76	-1214853.51	1A	172		39	11351	1852
TREE	371941.18	-1214902.63	1A	172		39	14242	1871
TRANSMISSION TOWER	371953.61	-1214847.91	1A	239		106	8849	1946
LIGHT STANDARD	372017.12	-1214921.04	1A	158		25	32201	2057
TREE	371943.68	-1214850.87	1A	202		69	11636	2216
TREE	371937.17	-1214900.14	1A	197		64	14150	2323
POLE	372014.05	-1214934.44	1A	157		24	29455	2455
TREE	371934.57	-1214902.73	1A	224		91	14836	2501
LIGHT STANDARD	371934.67	-1214856.26	1A	182		49	13744	2683
TREE	371939.43	-1214842.44	1A	211		78	11400	3013
OL ON RADIO TWR(C 1 OF 3)	371841.28	-1214901.96	2A	369	227	236	15905	7830



TOUCHDOWN ZONE RUNWAY	ELEVATION
13L	133
31R	130
13R	131
31L	128

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SAN JOSE, CALIFORNIA

(NOT TO SCALE)