

AERONAUTICAL DATA SHEET
NATIONAL GEODETIC SURVEY

DATE GENERATED: 03/20/2002

PROJECT NUMBER: 5179
ARPT IDENTIFIER: TOA
ARPT NAME: ZAMPERINI FIELD
CITY: TORRANCE
STATE: CALIFORNIA
ARPT ELEVATION: 103.2
AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 29L+159
LATITUDE: 334812.2
LONGITUDE: -1182022.6

SITE NUMBER: 2356.1A
SURVEY DATE: 02/28/2001
HORIZONTAL DATUM: NAD83
VERTICAL DATUM: NAVD88
ATCT FLOOR ELEV: 158.0
DECLINATION: 13.6E

RUNWAY INFORMATION

RUNWAY: 11L/29R LENGTH: 5001 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
11L	334829.0026	-1182044.3965	83.0	1282715	96.2	541	334825.6765	-1182039.3792	85.1
29R	334758.2335	-1181957.9901	96.8	3082741	97.1	540	334801.5569	-1182003.0017	97.1

PROFILE DATA

DISTANCES FROM APPROACH END 11L

DISTANCES FROM APPROACH END 29R

DISTANCE	ELEV
0	83.0
541	85.1
3487	96.1
4461	97.1
5001	96.8

DISTANCE	ELEV
0	96.8
540	97.1
1514	96.1
4460	85.1
5001	83.0

RUNWAY: 11R/29L LENGTH: 3000 WIDTH: 75 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

DISPLACED THRESHOLD DATA

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
11R	334818.9804	-1182038.8047	96.3	1282715	103.2				
29L	334800.5232	-1182010.9663	103.2	3082731	103.2				

DISTANCES FROM APPROACH END 11R

DISTANCE	ELEV
0	96.3
1277	100.5
2263	100.0
2841	103.2
3000	103.2

DISTANCES FROM APPROACH END 29L

DISTANCE	ELEV
0	103.2
159	103.2
737	100.0
1723	100.5
3000	96.3

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
DME (29R)	334830.5477	-1182050.7890	94.4		
GS (29R)	334809.6929	-1182008.6046	91.6		
GS (29R) PP	334806.9823	-1182011.1835	96.3	350R	1422
LOC (29R)	334831.9393	-1182048.8229	78.5		477
MM (29R)	334746.1741	-1181942.9874			1758
OM (29R)	334503.0091	-1181533.0707			28528
TACAN (LAX)	335600.3148	-1182556.7472	182.4		
VOR (LAX)	335559.3178	-1182555.2232	182.4		

VISUAL	LATITUDE	LONGITUDE
ALS (29R)		
APBN	334803.9983	-1182028.3966
REIL (29L)		
VASI (11L)		
VASI (29L)		
VASI (29R)		

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OBSTRUCTION INFORMATION

11L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON SIGN	334757.39	-1182000.01	1A	104		21	8	1	-4921	-4380	173R	7
LT POLE	334803.53	-1181956.69	1A	117		34	21	14	-4754	-4213	487L	20
OL ON TK	334806.21	-1182000.29	1A	123		40	27	20	-4348	-3807	*511L	27
ELEC EQUIP	334803.95	-1182011.70	1A	102		19	6	-1	-3736	-3195	267R	5
OL GS	334809.69	-1182008.60	1A	133		50	37	30	-3579	-3038	350L	36
POLE	334812.16	-1182008.69	1A	131		48	35	28	-3418	-2877	*541L	35
TREE	334813.28	-1182011.09	1A	120		37	24	17	-3189	-2649	*503L	25
OL WSK	334810.45	-1182022.15	1A	122		39	26	19	-2636	-2096	301R	29
TREE	334816.77	-1182018.05	1A	120		37	24	17	-2510	-1969	414L	28
TREE	334819.89	-1182021.35	1A	143		60	47	40	-2096	-1555	488L	53
TREE	334820.72	-1182022.55	1A	144		61	48	41	-1964	-1423	491L	54
TREE	334826.48	-1182030.14	1A	131		48	35	28	-1101	-560	*549L	44
GRD	334820.35	-1182039.40	1A	94		11	-2	-9	-874	-333	423R	7
LT POLE	334829.86	-1182036.92	1A	111		28	15	8	-440	100	460L	26
LT POLE	334831.22	-1182037.91	1A	110		27	14	7	-289	252	*516L	26
LT POLE	334832.97	-1182041.60	1A	109		26	13	6	65	605	460L	26
LT POLE	334834.04	-1182043.17	1A	108		25	12	5	235	776	463L	24
OL ON HGR	334828.30	-1182052.07	1A	106		23	10	3	463	1003	458R	16
OL LOC	334831.94	-1182048.82	1A	87		4	-9	-16	477	1018	0R	-4
OL ON DME	334830.55	-1182050.79	1A	99		16	3	-4	520	1060	213R	7
TREE	334837.26	-1182046.82	1A	114		31	18	11	679	1220	526L	17
OL ON LT POLE	334831.26	-1182052.56	1A	111		28	15	8	682	1222	250R	14
OL LT POLE	334834.65	-1182052.42	1A	108		25	12	5	885	1426	27L	4
TREE	334832.80	-1182056.83	1A	126		43	30	23	1061	1601	352R	17
TREE	334839.85	-1182051.75	1A	127		44	31	24	1168	1709	473L	16
TREE	334840.67	-1182053.18	1A	133		50	37	30	1314	1855	463L	17
TREE	334840.34	-1182055.54	1A	133		50	37	30	1449	1990	313L	13
TREE	334834.04	-1182101.72	1A	131		48	35	28	1461	2002	510R	11
TREE	334837.96	-1182058.38	1A	130		47	34	27	1488	2028	25R	9
TREE	334844.29	-1182056.99	1A	144		61	48	41	1793	2333	549L	14

11L C (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	334838.25	-1182103.31	1A	137		54	41	34	1831	2372	260R	6
TREE	334840.80	-1182101.15	1A	149		66	53	46	1849	2389	54L	18

29R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
LT POLE	334832.97	-1182041.60	1A	109		12	12	6	-5066	-4526	460R	26
LT POLE	334831.22	-1182037.91	1A	110		13	13	7	-4712	-4172	*516R	26
LT POLE	334829.86	-1182036.92	1A	111		14	14	8	-4561	-4020	460R	26
GRD	334820.35	-1182039.40	1A	94		-3	-3	-9	-4127	-3587	423L	7
TREE	334826.48	-1182030.14	1A	131		34	34	28	-3900	-3360	*549R	44
TREE	334820.72	-1182022.55	1A	144		47	47	41	-3037	-2497	491R	54
TREE	334819.89	-1182021.35	1A	143		46	46	40	-2905	-2365	488R	53
TREE	334816.77	-1182018.05	1A	120		23	23	17	-2491	-1951	414R	28
OL WSK	334810.45	-1182022.15	1A	122		25	25	19	-2365	-1824	301L	29
TREE	334813.28	-1182011.09	1A	120		23	23	17	-1812	-1272	*503R	25
POLE	334812.16	-1182008.69	1A	131		34	34	28	-1583	-1043	*541R	35
OL GS	334809.69	-1182008.60	1A	133		36	36	30	-1422	-882	350R	36
ELEC EQUIP	334803.95	-1182011.70	1A	102		5	5	-1	-1265	-725	267L	5
OL ON TK	334806.21	-1182000.29	1A	123		26	26	20	-653	-113	*511R	27
LT POLE	334803.53	-1181956.69	1A	117		20	20	14	-247	293	487R	20
OL ON SIGN	334757.39	-1182000.01	1A	104		7	7	1	-80	460	173L	7
GRD	334753.20	-1181959.70	1A	106		9	9	3	203	744	488L	9
BLDG	334800.46	-1181951.68	1A	106		9	9	3	277	817	508R	8
OL WSK	334758.23	-1181953.71	1A	113		16	16	10	283	823	224R	14
TREE	334751.15	-1181957.45	1A	129		32	32	26	481	1021	533L	27
VENT ON BLDG	334759.52	-1181949.28	1A	110		13	13	7	495	1035	*559R	8
POLE	334757.85	-1181947.07	1A	118		21	21	15	746	1286	543R	10
OL ON HGR	334750.85	-1181953.09	1A	127		30	30	24	788	1328	327L	19
POLE	334754.26	-1181946.52	1A	121		24	24	18	1007	1548	288R	8
TREE	334745.81	-1181947.06	1A	151		54	54	48	1504	2044	409L	28
TREE	334747.92	-1181940.02	1A	149		52	52	46	1836	2376	127R	20
TREE	334744.29	-1181940.96	1A	159		62	62	56	2002	2542	210L	26
TREE	334748.13	-1181935.62	1A	168		71	71	65	2114	2654	375R	33
TREE	334749.96	-1181933.81	1A	159		62	62	56	2119	2659	614R	24

29R PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	334751.05	-1181931.59	1A	157		60	60	54	2196	2736	*817R	20
CATENARY	334750.85	-1181931.60	1A	156		59	59	53	2208	2748	801R	19
POLE	334739.43	-1181931.65	1A	166		69	69	63	2923	3463	106L	15
POLE	334735.69	-1181931.67	1A	171		74	74	68	3157	3697	402L	15
POLE	334732.87	-1181931.69	1A	192		95	95	89	3332	3873	627L	33
POLE	334729.04	-1181931.73	1A	193		96	96	90	3571	4111	932L	29
TREE	334737.80	-1181923.20	1A	177		80	80	74	3584	4124	209R	12
POLE	334732.46	-1181920.17	1A	186		89	89	83	4119	4660	54L	11
TREE	334706.69	-1181904.30	1A	237		140	140	134	6789	7330	1261L	9
TREE	334700.03	-1181900.81	1A	282		185	185	179	7439	7979*	1604L	41
TREE	334657.57	-1181857.64	1A	313		216	216	210	7803	8343	1633L	64
TREE	334642.85	-1181841.62	1A	333		236	236	230	9787	10327*	1956L	45
TREE	334643.82	-1181840.46	1A	324		227	227	221	9803	10343	1819L	35
LT ON TK	334641.80	-1181831.97	1A	296		199	199	193	10491	11031	1533L	-8

11R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ELEC EQUIP	334803.95	-1182011.70	1A	102		6	-1	-1	-2736		233L	-1
OL WSK	334810.45	-1182022.15	1A	122		26	19	19	-1637		199L	22
GRD	334807.53	-1182025.77	1A	104		8	1	1	-1581		222R	4
GRD	334820.35	-1182039.40	1A	94		-2	-9	-9	126		77L	-3
GRD	334818.51	-1182042.35	1A	97		1	-6	-6	205		223R	0
TREE	334823.85	-1182052.20	1A	143		47	40	40	1192		317R	-2
LT POLE	334824.81	-1182051.86	1A	116		20	13	13	1229		224R	-32
OL ON HGR	334828.30	-1182052.07	1A	106		10	3	3	1462		42L	-53
OL ON DME	334830.55	-1182050.79	1A	99		3	-4	-4	1519		287L	-63
TREE	334826.42	-1182055.20	1A	135		39	32	32	1551		272R	-29
OL ON LT POLE	334831.26	-1182052.56	1A	111		15	8	8	1681		250L	-59
TREE	334832.80	-1182056.83	1A	126		30	23	23	2060		148L	-64
TREE	334834.04	-1182101.72	1A	131		35	28	28	2461		10R	-78
TREE	334837.96	-1182058.38	1A	130		34	27	27	2487		475L	-81
TREE	334838.25	-1182103.31	1A	137		41	34	34	2831		240L	-91
TREE	334840.80	-1182101.15	1A	149		53	46	46	2848		*554L	-79

29L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	334820.35	-1182039.40	1A	94		-9	-9	-9	-3126		77R	-3
GRD	334807.53	-1182025.77	1A	104		1	1	1	-1419		222L	4
OL WSK	334810.45	-1182022.15	1A	122		19	19	19	-1363		199R	22
ELEC EQUIP	334803.95	-1182011.70	1A	102		-1	-1	-1	-264		233R	-1
GRD	334757.51	-1182010.68	1A	106		3	3	3	208		224L	2
OL ON SIGN	334757.39	-1182000.01	1A	104		1	1	1	921		*327R	-35
GRD	334753.20	-1181959.70	1A	106		3	3	3	1205		12R	-47
OL ON HGR	334751.01	-1181958.67	1A	129		26	26	26	1411		108L	-34
TREE	334751.15	-1181957.45	1A	129		26	26	26	1482		33L	-38
OL ON HGR	334750.85	-1181953.09	1A	127		24	24	24	1790		173R	-55
OL ON HGR	334746.38	-1181953.11	1A	139		36	36	36	2070		182L	-57
TREE	334745.81	-1181947.06	1A	151		48	48	48	2505		91R	-67
TREE	334739.41	-1181945.87	1A	179		76	76	76	2986		354L	-64
TREE	334744.29	-1181940.96	1A	159		56	56	56	3003		290R	-84
POLE	334739.43	-1181931.65	1A	166		63	63	63	3925		394R	-123
POLE	334735.69	-1181931.67	1A	171		68	68	68	4158		98R	-130
POLE	334732.87	-1181931.69	1A	192		89	89	89	4334		127L	-117
POLE	334729.04	-1181931.73	1A	193		90	90	90	4572		432L	-128
TREE	334737.80	-1181923.20	1A	177		74	74	74	4585		*709R	-146
POLE	334732.46	-1181920.17	1A	186		83	83	83	5121		446R	-163

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT ON OL ATCT & APBN	334804.00	-1182028.40	1A	181		78		19656	963	25
TREE	334813.28	-1182011.09	1A	120		17		6959	977	24
TREE	334806.36	-1182034.61	1A	174		71		22610	1173	-2
POLE	334812.16	-1182008.69	1A	131		28		7634	1174	30
OL BLDG	334815.71	-1182009.11	1A	164		61		5904	1192	27
TREE	334826.48	-1182030.14	1A	131		28		32237	1577	37
ROD ON RTR TWR	334756.69	-1182012.32	1A	142		39		13726	1792	21
LT POLE	334829.22	-1182032.25	1A	127		24		32104	1903	19
ROD ON OL RTR TWR	334755.64	-1182010.84	1A	140		37		13543	1946	14
OL ON TK	334806.21	-1182000.29	1A	123		20		9413	1978	25
LT POLE	334831.22	-1182037.91	1A	110		7		31230	2317	23

ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ANT ON BLDG	334803.09	-1181954.82	1A	124		21		9750	2518	20
LT POLE	334750.49	-1182004.55	1A	146		43		13137	2671	-16
TREE	334823.85	-1182052.20	1A	143		40		28138	2762	15
LT POLE	334824.81	-1182051.86	1A	116		13		28342	2779	1
OL ON HGR	334751.01	-1181958.67	1A	129		26		12305	2944	18
VENT ON BLDG	334759.52	-1181949.28	1A	110		7		10054	3090	5
TREE	334826.42	-1182055.20	1A	135		32		28359	3104	9
LT POLE ON BLDG	334837.22	-1182045.15	1A	152		49		30927	3165	49
ANT ON OL BLDG	334842.26	-1182040.14	1A	207		104		32026	3379	9
ANT ON OL BLDG	334843.03	-1182039.92	1A	212		109		32116	3442	4
TREE	334839.21	-1182047.68	1A	140		37		30837	3455	30
OL ON HGR	334746.38	-1181953.11	1A	139		36		12245	3607	18
TREE	334758.59	-1181942.75	1A	142		39		9838	3633	-1
TREE	334739.41	-1181945.87	1A	179		76		12319	4538	34
TREE	334747.54	-1182110.29	2C	509		406		22437	4734	256
POLE	334751.05	-1181931.59	1A	157		54		10248	4806	18
POLE	334739.43	-1181931.65	1A	166		63		11400	5428	-87
POLE	334735.69	-1181931.67	1A	171		68		11702	5665	-82
POLE	334732.87	-1181931.69	1A	192		89		11910	5853	-61
TREE	334808.24	-1182134.56	2C	441		338		25238	6086	188
POLE	334729.04	-1181931.73	1A	193		90		12151	6121	-60
TREE	334710.57	-1182004.32	2C	428		325		15229	6418	175
POLE	334732.46	-1181920.17	1A	186		83		11343	6625	-67
TREE	334751.69	-1182139.55	2C	545		442		23842	6817	292
TREE	334705.07	-1182012.29	2C	452		349		15905	6841	199
LT POLE	334704.98	-1181953.85	2C	408		305		14644	7215	155
POLE	334706.16	-1181920.07	1A	278		175		12804	8510	25
OL FLGPL ON BLDG	334929.64	-1182106.95	1A	212		109		32051	8676	-41
POLE	334816.10	-1182205.89	2C	492		389		25859	8726	239
TREE	334702.15	-1182124.63	2C	593		490		20253	8806	340
TREE	334647.61	-1182109.39	2C	574		471		19111	9419	321
TREE	334637.25	-1182038.94	2C	552		449		17434	9697	299
ANT ON BLDG	334658.88	-1181902.33	1A	295		192		12358	10041	42
TREE	334700.03	-1181900.81	1A	282		179		12258	10043	38
POLE	334717.94	-1182204.27	1A	844		741		22349	10183	591
TREE	334658.13	-1181859.86	1A	298		195		12323	10238	45
TREE	334636.68	-1181940.58	2C	464		361		14613	10286	211

 ARP HCT (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE	334645.17	-1181918.63	2C	426		323		13451	10322	173
TREE	334654.04	-1181903.51	1A	372		269		12612	10343	119
ROD ON OL TWR	334940.07	-1181919.49	1A	319	239	216		1720	10357	62
TREE	334654.33	-1181859.47	1A	372		269		12441	10544	119
TREE	334626.23	-1182029.12	2C	576		473		16920	10726	323
TREE	334722.28	-1182225.23	2C	832		729		23025	11514	538
ANT ON OL BLDG	334958.63	-1182113.30	1A	278		175		32443	11578	25
TREE	334627.06	-1182126.45	2C	888		785		19317	11916	542
ANT ON OL BLDG	335009.01	-1182101.70	1A	292		189		33047	12260	36
TREE	334643.82	-1181840.46	1A	324		221		12225	12415	70
TREE	334642.85	-1181841.62	1A	333		230		12303	12418	80
TK	334637.20	-1181846.69	1A	425		322		12615	12560	172
TREE	334814.48	-1182254.79	2C	442		339		25726	12845	141
LT ON TK	334641.80	-1181831.97	1A	296		193		12046	13065	23
TREE	334623.07	-1182152.72	1A	1033		930		20059	13399	602
TREE	334619.78	-1182148.23	1A	1038		935		19851	13467	606
TREE	334625.92	-1182204.75	1A	1084		981		20509	13775	632
TREE	334556.61	-1182044.76	1A	1032		929		17410	13833	637
TREE	334609.87	-1182140.22	2C	1028		925		19419	13994	578
TREE	334550.39	-1182005.46	1A	983		880		16038	14407	589
POLE	334709.59	-1182258.70	1A	1027		924		23045	14616	582
TREE	334551.11	-1182100.85	2C	1082		979		17909	14623	637
TREE	334547.47	-1182054.46	2C	1123		1020		17649	14876	670

 ADDITIONAL INFORMATION:

 AERONAUTICAL DATA IS AVAILABLE ON THE INTERNET AT [HTTP://WWW.NGS.NOAA.GOV](http://www.ngs.noaa.gov).

ADDITIONAL INFORMATION ON DATA STANDARDS CAN BE FOUND IN FAA NO. 405, "STANDARDS FOR AERONAUTICAL SURVEYS AND RELATED PRODUCTS".

AN ASTERISK "*" INDICATES THAT THIS OBJECT IS OUTSIDE, BUT WITHIN 50 FEET, OF THE OBSTRUCTION IDENTIFICATION SURFACE.