

AERONAUTICAL DATA SHEET  
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 04/18/2003

PROJECT NUMBER: 375  
 ARPT IDENTIFIER: SFO  
 ARPT NAME: SAN FRANCISCO INTERNATIONAL AIRPORT  
 CITY: SAN FRANCISCO  
 STATE: CALIFORNIA  
 ARPT ELEVATION: 13.2  
 AIRPORT REFERENCE POINT

SITE NUMBER: 02187.A  
 SURVEY DATE: 02/11/2002  
 HORIZONTAL DATUM: NAD83  
 VERTICAL DATUM: NAVD88  
 ATCT FLOOR ELEV: 164.0  
 DECLINATION: 15.2E

DISTANCE FROM RWY END: 28R+33  
 LATITUDE: 373708.3  
 LONGITUDE: -1222229.6

RUNWAY INFORMATION

RUNWAY: 1L/19R    LENGTH: 7500    WIDTH: 200    SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
 GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
1L	373632.3546	-1222255.9230	10.3	274757	10.9
19R	373737.9423	-1222212.4447	8.8	2074824	10.4

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV
491	373636.6444	-1222253.0800	9.9

PROFILE DATA

DISTANCES FROM APPROACH END 1L

DISTANCE	ELEV
0	10.3
491	9.9
2136	8.5
4100	11.3
4850	9.9
6428	10.3
7500	8.8

DISTANCES FROM APPROACH END 19R

DISTANCE	ELEV
0	8.8
1072	10.3
2650	9.9
3400	11.3
5363	8.5
7009	9.9
7500	10.3

RUNWAY: 1R/19L LENGTH: 8648 WIDTH: 200 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
1R	373624.5408	-1222250.5685	11.3	274804	11.5	238	373626.6230	-1222249.1885	11.5
19L	373740.1684	-1222200.4300	10.0	2074834	10.8				

PROFILE DATA

DISTANCES FROM APPROACH END 1R

DISTANCES FROM APPROACH END 19L

DISTANCE	ELEV
0	11.3
238	11.5
1463	9.8
4598	10.2
5348	9.9
8648	10.0

DISTANCE	ELEV
0	10.0
3300	9.9
4050	10.2
7185	9.8
8410	11.5
8648	11.3

RUNWAY: 10L/28R LENGTH: 11870 WIDTH: 200 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
10L	373743.4473	-1222336.2016	5.4	1174736	6.6				
28R	373648.7075	-1222125.6987	13.1	2974856	13.2				

PROFILE DATA

DISTANCES FROM APPROACH END 10L

DISTANCES FROM APPROACH END 28R

DISTANCE	ELEV
0	5.4
2425	6.0
6220	9.9
6970	9.9
11838	13.2
11870	13.1

DISTANCE	ELEV
0	13.1
33	13.2
4900	9.9
5650	9.9
9445	6.0
11870	5.4

RUNWAY: 10R/28L LENGTH: 10602 WIDTH: 200 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
10R	373731.0353	-1222326.5806	5.9	1174742	9.4				
28L	373642.1451	-1222130.0294	12.7	2974853	12.7				

PROFILE DATA

DISTANCES FROM APPROACH END 10R

DISTANCES FROM APPROACH END 28L

DISTANCE	ELEV
0	5.9
2075	7.6
4225	11.8
4950	11.3
5700	10.2
7175	12.0
8425	11.0
10602	12.7

DISTANCE	ELEV
0	12.7
2177	11.0
3427	12.0
4902	10.2
5652	11.3
6377	11.8
8527	7.6
10602	5.9

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HORIZONTAL DATUM: NAD83  
VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
DME (19L)	373618.6984	-1222259.3977	24.0		
DME (28L)	373733.9279	-1222339.5420	21.5		
DME (28R)	373748.6384	-1222340.5929	17.0		
GS (19L)	373731.5697	-1222210.4872	7.2		
GS (19L) PP	373730.1404	-1222207.0801	10.7	310R	1147
GS (28L)	373650.1215	-1222140.0941	9.4		
GS (28L) PP	373647.1859	-1222142.0408	12.4	336R	1093
GS (28R)	373650.2426	-1222140.0137	9.4		
GS (28R) PP	373653.7413	-1222137.6935	12.3	400L	1091
IM (28R) (OTS)	373644.7900	-1222116.3614			849
LOC (19L)	373616.2659	-1222256.0521	9.7		946
LOC (28L)	373735.6522	-1222337.6033	8.0		1002
LOC (28R)	373746.3415	-1222343.1168	5.4		629
LOM (28L)	373419.9308	-1221535.6474			31945
LOM (28R)	373419.9308	-1221535.6474			31941
MM (19L)	373810.7654	-1222140.1371			3499
MM (28R) (OTS)	373633.7903	-1222050.1813			3232
VOR/DME(SFO)	373710.1359	-1222226.0075	12.7		
VORTAC (OAK)	374333.3122	-1221324.9151	10.0		

VISUAL	LATITUDE	LONGITUDE
ALS (19L)		
ALS (28L)		
ALS (28R) (OTS)		
APBN	373813.1493	-1222300.1298
PAPI (10L)		
PAPI (19L)		
PAPI (19R)		
PAPI (28L)		
PAPI (28R)		

VISUAL	LATITUDE	LONGITUDE
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REIL	(1L)	
REIL	(1R)	
REIL	(10L)	
VASI	(10R)	

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OBSTRUCTION INFORMATION

1L SUPLC

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	373740.58	-1222214.22	1A	12		2	1	-1	-7669	-7179	*251L	3
OL ON DME	373618.70	-1222259.40	1A	29		19	18	16	1352	1843	397R	-15
LT	373621.89	-1222307.05	1A	48		38	37	35	1354	1845	298L	4
LT	373618.04	-1222305.44	1A	50		40	39	37	1638	2128	2L	-3
POLE	373616.21	-1222301.62	1A	42		32	31	29	1658	2149	356R	-11
TREE	373613.53	-1222304.04	1A	61		51	50	48	1989	2480	310R	-2
TRMSN TWR	373615.43	-1222312.02	1A	79		69	68	66	2119	2609	347L	12
OL ON TRMSN TWR	373613.09	-1222308.28	1A	75		65	64	62	2188	2678	29R	7
TRMSN TWR	373609.53	-1222306.68	1A	81		71	70	68	2446	2936	311R	4
BLDG	373602.57	-1222311.34	1A	94		84	83	81	3244	3734	307R	-6
TREE	373549.81	-1222321.58	1A	167		157	156	154	4770	5260	180R	22
TREE	373543.79	-1222316.55	1A	155		145	144	142	5120	5610	822R	0
TREE	373543.41	-1222323.67	1A	187		177	176	174	5420	5911	334R	23
TREE	373540.83	-1222338.00	1A	195		185	184	182	6189	6679	565L	8
CHY ON BLDG	373520.32	-1222353.89	1A	361		351	350	348	8620	9111	729L	103
TREE	373511.33	-1222336.79	1A	362		352	351	349	8784	9275	912R	100
ANT ON BLDG	373512.58	-1222402.93	1A	478		468	467	465	9652	10143	1008L	190
CHY ON BLDG	373510.60	-1222359.78	1A	487		477	476	474	9711	10202	690L	197
CHY ON BLDG	373507.20	-1222403.43	1A	546		536	535	533	10153	10644	790L	243

19R C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
SIGN	373740.58	-1222214.22	1A	12		3	2	-1	169		*251R	3
OL ON LEVEE	373739.77	-1222211.21	1A	14		5	4	1	210		2L	5
RADAR RFLTR POLE	373749.52	-1222204.68	1A	18		9	8	5	1327		6L	-24
ROD ON OL POLE	373810.94	-1222139.91	1A	51		42	41	38	4173		758L	-74

1R SUPLC

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
GRD	373742.24	-1222203.69	1A	12		1	1	-1	-8711	-8473	330L	2
SIGN	373738.25	-1222206.24	1A	13		2	2	0	-8258	-8020	323L	3
OL ON LTD WSK	373730.69	-1222203.16	1A	20		9	9	7	-7698	-7459	253R	10
OL ON GS	373731.57	-1222210.49	1A	40		29	29	27	-7501	-7263	310L	30
TMOM	373728.96	-1222213.09	1A	21		10	10	8	-7170	-6932	372L	11
OL ON VOR/DME	373710.14	-1222226.01	1A	38		27	27	25	-5001	-4763	403L	28
TMOM	373633.95	-1222249.79	1A	21		10	10	8	-871	-633	388L	11
OL ON DME	373618.70	-1222259.40	1A	29		18	18	16	854	1092	353L	-2
OL ON LOC	373616.27	-1222256.05	1A	28		17	17	15	946	1184	0R	-5
OL LT	373615.20	-1222256.05	1A	48		37	37	35	1042	1280	51R	12
TREE	373612.78	-1222251.16	1A	56		45	45	43	1075	1313	513R	19
POLE	373616.21	-1222301.62	1A	42		31	31	29	1160	1398	394L	2
TREE	373613.12	-1222300.49	1A	74		63	63	61	1394	1632	168L	28
TREE	373613.53	-1222304.04	1A	61		50	50	48	1491	1729	440L	12
TREE	373609.71	-1222255.41	1A	61		50	50	48	1509	1747	355R	11
OL ON TRMSN TWR	373613.09	-1222308.28	1A	75		64	64	62	1690	1928	*720L	20
TRMSN TWR	373609.53	-1222306.68	1A	81		70	70	68	1948	2186	439L	18
OL ON TRMSN TWR	373607.16	-1222302.96	1A	79		68	68	66	2021	2259	62L	14
OL ON TRMSN TWR	373601.03	-1222254.95	1A	93		82	82	80	2268	2506	*797R	21
BLDG	373602.57	-1222311.34	1A	94		83	83	81	2745	2984	442L	7
TREE	373550.22	-1222300.19	1A	115		104	104	102	3432	3670	*934R	9
TREE	373549.81	-1222321.58	1A	167		156	156	154	4272	4510	570L	36
TREE	373543.79	-1222316.55	1A	155		144	144	142	4622	4860	73R	13
TREE	373543.41	-1222323.67	1A	187		176	176	174	4922	5160	416L	37
CHY ON BLDG	373520.32	-1222353.89	1A	361		350	350	348	8122	8360	1479L	117
TREE	373511.33	-1222336.79	1A	362		351	351	349	8286	8524	163R	113
CHY ON BLDG	373510.60	-1222359.78	1A	487		476	476	474	9213	9451	1440L	210
CHY ON BLDG	373507.20	-1222403.43	1A	546		535	535	533	9655	9893	1540L	256
LT POLE	373450.99	-1222336.92	1A	471		460	460	458	10110	10348	1113R	168

19L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TMOM	373633.95	-1222249.79	1A	21		11	10	8	-7778		388R	11
OL ON VOR/DME	373710.14	-1222226.01	1A	38		28	27	25	-3647		403R	28

19L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TMOM	373728.96	-1222213.09	1A	21		11	10	8	-1478		372R	11
OL ON GS	373731.57	-1222210.49	1A	40		30	29	27	-1147		310R	30
OL ON LTD WSK	373730.69	-1222203.16	1A	20		10	9	7	-951		253L	10
SIGN	373738.25	-1222206.24	1A	13		3	2	0	-390		323R	3
GRD	373742.24	-1222203.69	1A	12		2	1	-1	63		330R	2
OL ON LEVEE	373743.96	-1222201.41	1A	15		5	4	2	302		249R	3
OL ON LEVEE	373741.65	-1222155.91	1A	15		5	4	2	303		252L	3
RAIL ON WALKWAY	373742.83	-1222158.54	1A	15		5	4	2	309		9L	3
ROD ON OL POLE	373810.94	-1222139.91	1A	51		41	40	38	3523		8L	-25

10L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	373650.12	-1222140.09	1A	41		36	34	28	-10779		414R	28
ROD ON OL GS	373650.24	-1222140.01	1A	57		52	50	44	-10779		400R	45
TMOM	373651.32	-1222142.28	1A	24		19	17	11	-10567		389R	12
OL ON VOR/DME	373710.14	-1222226.01	1A	38		33	31	25	-6567		347R	28
TMOM	373730.64	-1222316.12	1A	20		15	13	7	-2033		392R	14
OL ON LTD WSK	373741.20	-1222324.17	1A	14		9	7	1	-963		250L	8
OL ON DME	373748.64	-1222340.59	1A	21		16	14	8	557		300L	5
OL ON LOC	373746.34	-1222343.12	1A	13		8	6	0	629		0R	-5
LT	373743.38	-1222349.57	1A	21		16	14	8	948		508R	-7
BLDG	373753.04	-1222343.63	1A	22		17	15	9	981		580L	-6
ANT ON OL BLDG	373751.28	-1222347.70	1A	41		36	34	28	1188		270L	6
TREE	373755.45	-1222348.53	1A	35		30	28	22	1443		612L	-7
LT	373752.60	-1222409.11	1A	75		70	68	62	2774		415R	-6
OL ON TRMSN TWR	373751.77	-1222416.15	1A	93		88	86	80	3236		754R	-2
OL ON TRMSN TWR	373759.37	-1222417.40	1A	101		96	94	88	3683		120R	-7



28R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON LTD WSK	373741.20	-1222324.17	1A	14		1	1	1	-10908		250R	8
TMOM	373730.64	-1222316.12	1A	20		7	7	7	-9837		392L	14
OL ON VOR/DME	373710.14	-1222226.01	1A	38		25	25	25	-5303		347L	28
TMOM	373651.32	-1222142.28	1A	24		11	11	11	-1304		389L	12
ROD ON OL GS	373650.24	-1222140.01	1A	57		44	44	44	-1091		400L	45
OL ON GS	373650.12	-1222140.09	1A	41		28	28	28	-1091		414L	28
SIGN	373644.89	-1222123.74	1A	15		2	2	2	320		268L	-1
SIGN	373643.27	-1222124.78	1A	15		2	2	2	322		452L	0
RAIL ON WALKWAY	373647.04	-1222121.80	1A	15		2	2	2	356		3L	-2

10R C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	373650.24	-1222140.01	1A	57		51	48	44	-9509		350L	45
OL ON GS	373650.12	-1222140.09	1A	41		35	32	28	-9509		336L	29
TMOM	373651.32	-1222142.28	1A	24		18	15	11	-9297		361L	12
OL ON VOR/DME	373710.14	-1222226.01	1A	38		32	29	25	-5297		403L	27
TMOM	373730.64	-1222316.12	1A	20		14	11	7	-763		357L	14
OL ON LOC	373735.65	-1222337.60	1A	17		11	8	4	1002		0R	-13
OL ON DME	373733.93	-1222339.54	1A	25		19	16	12	1059		227R	-6
FENCE	373739.30	-1222341.41	1A	18		12	9	5	1445		183L	-25
OL ON LOC	373746.34	-1222343.12	1A	13		7	4	0	1899		*749L	-43
LT	373743.38	-1222349.57	1A	21		15	12	8	2218		242L	-45
LT	373752.60	-1222409.11	1A	75		69	66	62	4044		335L	-44
OL ON TRMSN TWR	373751.77	-1222416.15	1A	93		87	84	80	4506		4R	-40
OL ON TRMSN TWR	373759.37	-1222417.40	1A	101		95	92	88	4953		629L	-45

28L PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TMOM	373730.64	-1222316.12	1A	20		7	7	7	-9838		357R	14
OL ON VOR/DME	373710.14	-1222226.01	1A	38		25	25	25	-5305		403R	27
TMOM	373651.32	-1222142.28	1A	24		11	11	11	-1305		361R	12

28L PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON GS	373650.12	-1222140.09	1A	41		28	28	28	-1093		336R	29
ROD ON OL GS	373650.24	-1222140.01	1A	57		44	44	44	-1093		350R	45
SIGN	373644.89	-1222123.74	1A	15		2	2	2	318		482R	0
SIGN	373643.27	-1222124.78	1A	15		2	2	2	320		298R	0
RAIL ON WALKWAY	373640.40	-1222126.21	1A	14		1	1	1	354		13L	-2

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL ON LTD WSK	373705.79	-1222241.58	1A	38		25		24001	997	16
OL ON WSK	373723.95	-1222231.37	1A	33		20		33939	1590	-3
OL ON TWR	373651.81	-1222221.18	1A	90		77		14241	1800	37
LT	373701.52	-1222251.43	1A	114		101		23327	1886	-11
LT	373705.05	-1222252.85	1A	114		101		24451	1899	23
OL ON LT POLE	373728.01	-1222228.90	1A	74		61		34624	1995	-1
ANT ON OL ATCT	373701.36	-1222300.06	1A	199		186		23849	2549	35
ANT ON OL HGR	373733.64	-1222235.87	1A	144		131		33339	2612	9
LT	373710.14	-1222302.61	1A	115		102		25848	2663	39
ROD ON OL AMOM	373710.68	-1222156.08	1A	47		34		6941	2707	-11
ANT ON OL POLE	373711.71	-1222154.73	1A	62		49		6748	2827	-16
LADDER ON TK	373732.60	-1222247.90	1A	52		39		31353	2865	-5
OL ON LT POLE	373737.97	-1222222.24	1A	74		61		35557	3059	0
OL ON POLE	373645.26	-1222158.13	1A	19		6		11725	3441	-31
LT	373645.14	-1222301.20	1A	112		99		21209	3457	-2
LT	373715.12	-1222312.12	1A	114		101		26612	3490	52
SIGN	373740.58	-1222214.22	1A	12		-1		533	3491	3
OL ON POLE	373704.45	-1222145.30	1A	19		6		8102	3586	-17
LT	373632.02	-1222306.27	1A	53		40		20336	4709	-27
AMOM	373620.61	-1222244.92	1A	34		21		17908	4979	10
LT	373619.26	-1222241.38	1A	42		29		17537	5050	-27
OL ON LT	373726.08	-1222329.84	1A	28		15		27509	5169	13
OL ON LT	373744.02	-1222315.97	1A	71		58		29853	5194	21
OL ON HGR	373631.37	-1222316.71	1A	79		66		21013	5322	-85
BLDG	373727.63	-1222335.77	1A	33		20		27458	5671	3
AMOM ON BLDG	373635.39	-1222130.03	1A	31		18		10934	5836	3

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON BLDG		373652.43	-1222119.63	1A	24		11		9042	5854	2
TRMSN TWR		373622.59	-1222318.48	1A	107		94		20511	6070	-44
BLDG		373729.03	-1222342.16	1A	44		31		27433	6203	-9
LT		373608.98	-1222250.21	1A	59		46		18015	6225	-3
OL ON TRMSN TWR		373613.09	-1222308.28	1A	75		62		19356	6394	15
FENCE		373739.30	-1222341.41	1A	18		5		28317	6573	3
LT		373732.59	-1222350.74	1A	55		42		27525	6975	-8
OL ON TRMSN TWR		373601.03	-1222254.95	1A	93		80		18129	7104	15
LT ON HGR		373732.57	-1222358.51	1A	77		64		27345	7562	-34
TREE		373756.34	-1222347.73	1A	33		20		29231	7945	-18
CAMERA ON BLDG		373757.67	-1222348.31	1A	65		52		29304	8064	-2
TREE		373550.22	-1222300.19	1A	115		102		18207	8272	5
OL TRMSN TWR		373736.59	-1222414.52	1A	139		126		27332	8913	-22
ANT ON OL BLDG		373540.56	-1222150.23	1A	153		140		14509	9423	-11
TREE		373543.41	-1222323.67	1A	187		174		19140	9626	23
ROD ON OL BLDG		373528.61	-1222301.93	1A	206		193		17916	10414	42
TREE		373540.83	-1222338.00	1A	195		182		19641	10419	31
DOME		373552.31	-1222404.40	1A	174		161		20935	10829	10
TRMSN TWR		373552.81	-1222427.56	1A	340		327		21560	12182	176
TREE		373556.38	-1222435.50	2C	368		355		21907	12473	204
CHY ON BLDG		373541.68	-1222423.17	1A	441		428		21101	12660	277
TREE		373614.79	-1222452.10	1A	395		382		22932	12679	232
LADDER ON TK		373911.11	-1222307.23	1A	200		187		33106	12785	37
CHY ON BLDG		373520.32	-1222353.89	1A	361		348		19639	12857	197
SPIRE		373502.81	-1222258.47	1A	222		209		17510	12904	58
TREE		373511.33	-1222336.79	1A	362		349		18922	13009	199
OL MON		373914.30	-1222306.33	1A	246		233		33145	13082	82
ANT ON BLDG		373531.17	-1222426.57	1A	501		488		20835	13606	337
TREE		373520.52	-1222414.99	1A	470		457		20241	13813	306
ANT ON BLDG		373512.58	-1222402.93	1A	478		465		19729	13907	314
CHY ON BLDG		373510.60	-1222359.78	1A	487		474		19610	13942	323
LADDER ON OL BLDG		373524.05	-1222034.47	1A	177		164		12329	14037	13
TREE		373630.10	-1222517.51	2C	568		555		23851	14053	388
CHY ON BLDG		373507.20	-1222403.43	1A	546		533		19627	14390	382
ANT ON BLDG		373449.46	-1222312.10	1A	351		338		17829	14454	187
LT POLE		373450.99	-1222336.92	1A	471		458		18607	14908	307
TREE		373525.11	-1222444.51	1A	680		667		21056	15060	477

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
CHY ON BLDG		373451.62	-1222344.63	1A	477		464		18824	15086	306
TREE		373459.19	-1222404.19	1A	588		575		19503	15116	411
TRMSN TWR		373533.79	-1222500.07	1A	652		639		21631	15427	417
BLDG		373456.91	-1222407.01	1A	624		611		19520	15430	431
TREE		373551.80	-1222518.42	2C	592		579		22509	15634	329
TREE		373540.47	-1222510.69	1A	673		660		22023	15715	415
TRMSN TWR		373546.05	-1222516.52	1A	646		633		22302	15800	378
TRMSN TWR		373511.45	-1222439.99	1A	728		715		20624	15805	499
TREE		373459.59	-1222423.42	1A	799		786		19956	15918	576
TRMSN TWR		373601.05	-1222531.04	1A	623		610		22950	16107	333
TREE		373429.44	-1222256.88	1A	473		460		17235	16218	236
BLDG		373933.57	-1222358.83	1A	283	265	270		31846	16353	61
TREE		373627.78	-1222551.55	2C	623		610		24039	16759	313
TRMSN TWR		373620.91	-1222552.11	1A	572		559		23825	16985	246
TREE		373730.20	-1222600.44	2C	503		490		26215	17107	264
TREE		373431.54	-1222355.69	1A	720		707		18824	17304	438
TRMSN TWR		373436.20	-1222412.32	2C	729		716		19303	17465	437
FLGPL		373758.00	-1222604.17	2C	353		340		27103	17980	99
TRMSN TWR		373420.81	-1222351.49	2C	658		645		18604	18179	333
TREE		373649.94	-1222614.51	1A	590		577		24857	18191	241
TRMSN TWR		373952.55	-1222421.02	1A	356		343		31628	18877	22
CATENARY		373958.12	-1222422.12	1M	436		423		31701	19415	74
TREE		373946.90	-1222456.57	1A	406		393		30825	19927	48

## ADDITIONAL INFORMATION:

TRMSN TWR WITH AN ELEVATION OF 558, LAT 374006.5489 AND LONG -1222423.7904 WAS DETERMINED BEYOND FAR-77

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.