

AERONAUTICAL DATA SHEET  
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 12/24/2002

PROJECT NUMBER: 5015  
 ARPT IDENTIFIER: HWD  
 ARPT NAME: HAYWARD EXECUTIVE AIRPORT  
 CITY: HAYWARD  
 STATE: CALIFORNIA  
 ARPT ELEVATION: 49.8  
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 28L+0  
 LATITUDE: 373933.4  
 LONGITUDE: -1220720.7

SITE NUMBER: 01651.A  
 SURVEY DATE: 11/20/2001  
 HORIZONTAL DATUM: NAD83  
 VERTICAL DATUM: NAVD88  
 ATCT FLOOR ELEV: 88.0  
 DECLINATION: 15.2E

RUNWAY INFORMATION

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RUNWAY: 10L/28R LENGTH: 3107 WIDTH: 75 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
 GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
10L	373944.9116	-1220738.1416	27.9	1195133	36.7
28R	373929.6167	-1220704.6322	37.1	2995153	37.1

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV

PROFILE DATA

DISTANCES FROM APPROACH END 10L

DISTANCE	ELEV
0	27.9
775	27.9
3107	37.1

DISTANCES FROM APPROACH END 28R

DISTANCE	ELEV
0	37.1
2332	27.9
3107	27.9

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RUNWAY: 10R/28L LENGTH: 5024 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA  
 GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)	TDZE
10R	373943.3972	-1220747.3182	27.6	1195127	41.3
28L	373918.6663	-1220653.1371	49.8	2995200	49.8

DISPLACED THRESHOLD DATA

LENGTH	LATITUDE	LONGITUDE	ELEV
822	373939.3532	-1220738.4567	29.0

DISTANCES FROM APPROACH END 10R

DISTANCE	ELEV
0	27.6
822	29.0
2504	32.4
5024	49.8

DISTANCES FROM APPROACH END 28L

DISTANCE	ELEV
0	49.8
2520	32.4
4202	29.0
5024	27.6

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
DME (28L)	373946.4345	-1220747.4798	41.9		
LOC (28L)	373946.2025	-1220746.7519	27.1		
LOC (28L) PP	373943.8981	-1220748.4159		269R	102
VORTAC (OAK)	374333.3122	-1221324.9151	10.0		

VISUAL	LATITUDE	LONGITUDE
APBN	373945.4574	-1220716.5389
PAPI (28R)		
REIL (10R)		
REIL (28L)		
VASI (10R)		
VASI (28L)		

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OBSTRUCTION INFORMATION

10L AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WSK	373929.02	-1220707.28	1A	46		18	9	-4	-2953		*159R	9
WSK	373945.08	-1220734.97	1A	37		9	0	-13	-213		*141L	9
TREE	373948.47	-1220747.48	1A	71		43	34	21	831		61R	11
TREE	373950.97	-1220746.12	1A	75		47	38	25	861		*211L	14
TREE	373950.63	-1220747.74	1A	73		45	36	23	957		117L	7
TREE	373949.23	-1220751.59	1A	77		49	40	27	1156		160R	2
TREE	373948.69	-1220752.89	1A	74		46	37	24	1219		*259R	-5
TREE	373950.81	-1220751.78	1A	78		50	41	28	1248		28R	-2
TREE	373951.72	-1220754.34	1A	83		55	46	33	1473		51R	-8
TREE	373953.23	-1220758.52	1A	94		66	57	44	1840		86R	-16

28R AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WSK	373945.08	-1220734.97	1A	37		0	0	-13	-2894		*141R	9
WSK	373929.02	-1220707.28	1A	46		9	9	-4	-154		*159L	9
HGR	373927.53	-1220657.17	1A	59		22	22	9	626		116R	0
TREE	373923.81	-1220648.96	1A	89		52	52	39	1386		118R	-7
TREE	373923.82	-1220645.20	1A	107		70	70	57	1647		*270R	-3
TREE	373919.53	-1220642.52	1A	107		70	70	57	2050		1R	-23
TREE	373916.77	-1220639.64	1A	98		61	61	48	2390		126L	-49
TREE	373917.32	-1220635.99	1A	120		83	83	70	2617		68R	-38
LT POLE	373911.88	-1220636.73	1A	91		54	54	41	2839		*439L	-78
TREE	373913.96	-1220634.24	1A	108		71	71	58	2908		156L	-65
TREE	373915.97	-1220631.71	1A	127		90	90	77	2984		121R	-50
TREE	373910.93	-1220631.05	1A	104		67	67	54	3283		294L	-87
TREE	373912.70	-1220628.32	1A	103		66	66	53	3384		29L	-93
TREE	373907.62	-1220624.49	1A	118		81	81	68	3907		322L	-105

28R AV (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ANT ON OL BLDG	373912.11	-1220618.56	1A	155		118	118	105	4095		309R	-77

10R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WSK	373917.84	-1220656.33	1A	54		26	13	4	-4843	-4022	200R	5
ROD ON OL AMOM	373923.12	-1220707.69	1A	72		44	31	22	-3785	-2964	192R	30
OL ON LTD WSK	373930.38	-1220725.06	1A	58		30	17	8	-2208	-1386	*251R	26
WSK	373940.29	-1220735.08	1A	38		10	-3	-12	-1010	-188	217L	8
LOC	373946.20	-1220746.75	1A	35		7	-6	-15	102	923	*269L	7
OL ON DME	373946.43	-1220747.48	1A	47		19	6	-3	164	986	*260L	19
TREE	373948.69	-1220752.89	1A	74		46	33	24	655	1477	241L	24
TREE	373944.92	-1220759.50	1A	72		44	31	22	926	1747	*354R	8
TREE	373948.63	-1220757.11	1A	73		45	32	23	947	1768	67L	8
TREE	373948.02	-1220801.47	1A	82		54	41	32	1220	2041	161R	3
TREE	373952.20	-1220810.14	1A	85		57	44	35	2035	2856	142R	-35

28L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON DME	373946.43	-1220747.48	1A	47		-3	-3	-3	-5188		*260R	19
LOC	373946.20	-1220746.75	1A	35		-15	-15	-15	-5126		*269R	7
WSK	373940.29	-1220735.08	1A	38		-12	-12	-12	-4014		217R	8
OL ON LTD WSK	373930.38	-1220725.06	1A	58		8	8	8	-2817		*251L	26
ROD ON OL AMOM	373923.12	-1220707.69	1A	72		22	22	22	-1239		192L	30
WSK	373917.84	-1220656.33	1A	54		4	4	4	-181		200L	5
WSK	373914.18	-1220646.35	1A	60		10	10	10	699		121L	-5
BLAST FENCE	373913.51	-1220642.78	1A	64		14	14	14	982		38L	-9
TREE	373910.35	-1220644.68	1A	98		48	48	48	1009		*391L	24
TREE	373916.77	-1220639.64	1A	98		48	48	48	1037		374R	23
TREE	373908.53	-1220639.31	1A	99		49	49	49	1475		335L	12
LT POLE	373911.88	-1220636.73	1A	91		41	41	41	1486		61R	4
TREE	373913.96	-1220634.24	1A	108		58	58	58	1555		344R	18

28L C (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	373907.58	-1220638.82	1A	109		59	59	59	1557		399L	20
TREE	373910.93	-1220631.05	1A	104		54	54	54	1930		207R	3
TREE	373912.70	-1220628.32	1A	103		53	53	53	2031		471R	0
TREE	373907.62	-1220624.49	1A	118		68	68	68	2554		179R	-1
TREE	373903.28	-1220626.69	1A	119		69	69	69	2620		290L	-2

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL ON LTD WSK	373930.38	-1220725.06	1A	58		8		21345	465	26
WSK	373929.02	-1220707.28	1A	46		-4		9708	1167	4
ANT + APBN ON OL ATCT	373945.46	-1220716.54	1A	114		64		8	1265	-29
WSK	373945.08	-1220734.97	1A	37		-13		30037	1647	7
ANT ON OL RTR TWR	373931.86	-1220741.63	1A	63		13		24931	1690	-43
TREE	373950.45	-1220739.74	1A	81		31		30312	2306	4
LOC	373946.20	-1220746.75	1A	35		-15		28631	2463	4
OL ON DME	373946.43	-1220747.48	1A	47		-3		28616	2525	18
TREE	373948.47	-1220747.48	1A	71		21		29006	2638	14
TREE	373950.97	-1220746.12	1A	75		25		29547	2708	11
TREE	373949.23	-1220751.59	1A	77		27		28736	2956	23
TREE	373923.82	-1220645.20	1A	107		57		9332	3015	-3
TREE	373953.60	-1220748.33	1A	104		54		29723	3019	10
TREE	373950.81	-1220751.78	1A	78		28		28959	3057	1
TREE	373951.72	-1220754.34	1A	83		33		28913	3279	2
TREE	373911.51	-1220650.29	1A	100		50		11657	3299	9
TREE	373944.92	-1220759.50	1A	72		22		27517	3330	3
TREE	373942.44	-1220800.80	1A	108		58		27037	3352	2
TREE	373919.53	-1220642.52	1A	107		57		9921	3375	17
TREE	373911.47	-1220647.42	1A	99		49		11427	3476	23
TREE	373953.23	-1220758.52	1A	94		44		28813	3643	5
TREE	373910.35	-1220644.68	1A	98		48		11338	3718	21
TREE	373917.32	-1220635.99	1A	120		70		9908	3946	16
TREE	373915.97	-1220631.71	1A	127		77		9854	4316	12
TREE	373907.62	-1220624.49	1A	118		68		10446	5218	-82
ANT ON OL BLDG	373912.11	-1220618.56	1A	155		105		9806	5441	5

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
ROD ON STROBE LTD TWR		373902.31	-1220855.81	1A	225	219	175		23227	8270	25
TK		373946.35	-1220537.72	2C	222		172		6548	8384	22
ROD ON STROBE LTD TWR		373903.79	-1220903.34	1A	229	223	179		23452	8781	29
OL ON TWR		373756.55	-1220754.78	1A	237	228	187		18026	10173	37
OL ON TWR		373755.57	-1220750.15	1A	236	228	186		17815	10175	36
TREE		374005.99	-1220436.31	1A	342		292		6047	13623	48
TREE		373956.73	-1220423.86	1A	336		286		6521	14414	12
TRMSN TWR		373938.58	-1220409.17	1A	371		321		7250	15411	12
CATENARY		373943.44	-1220400.09	1A	520		470		7110	16163	121
TREE		373938.03	-1220358.96	1A	445		395		7308	16229	46
TREE		373930.81	-1220358.62	1A	442		392		7542	16252	46

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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.