

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 02/27/2004

PROJECT NUMBER: 6075
 ARPT IDENTIFIER: LVK
 ARPT NAME: LIVERMORE MUNICIPAL AIRPORT
 CITY: LIVERMORE
 STATE: CALIFORNIA
 ARPT ELEVATION: 399.9
 AIRPORT REFERENCE POINT

SITE NUMBER: 1779.2A
 SURVEY DATE: 04/15/2003
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 426.0
 DECLINATION: 15.1E

DISTANCE FROM RWY END: 25R+0
 LATITUDE: 374136.2
 LONGITUDE: -1214913.3

RUNWAY INFORMATION

RUNWAY: 7L/25R LENGTH: 5253 WIDTH: 100 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
7L	374138.1690	-1214945.8414	372.9	903347	386.0				
25R	374137.6538	-1214840.4963	399.9	2703426	399.9				

PROFILE DATA

DISTANCES FROM APPROACH END 7L

DISTANCES FROM APPROACH END 25R

DISTANCE	ELEV
0	372.9
1334	376.1
4525	396.9
5253	399.9

DISTANCE	ELEV
0	399.9
728	396.9
3919	376.1
5253	372.9

RUNWAY: 7R/25L LENGTH: 2699 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
7R	374133.1092	-1214930.3151	378.8	903458					
25L	374132.8364	-1214856.7363	394.6	2703519					

DISTANCES FROM APPROACH END 7R

DISTANCE	ELEV
0	378.8
1025	382.8
2699	394.6

DISTANCES FROM APPROACH END 25L

DISTANCE	ELEV
0	394.6
1674	382.8
2699	378.8

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VERTICAL DATUM: NAVD88

NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
GS (25R)	374135.2816	-1214852.8367	393.2		
GS (25R) PP	374137.7516	-1214852.8057	395.1	250L	989
LOC (25R)	374138.2244	-1214952.6379	365.4		546
MM (25R)	374137.2324	-1214806.9974			2693
NDB (LVK)	374132.0007	-1214102.6679			
OM (25R)	374132.3517	-1214102.1205			36848

VISUAL	LATITUDE	LONGITUDE
ALS (25R)		
APBN	374147.2643	-1214911.5738
PAPI (7L)		
VASI (25R)		

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OBSTRUCTION INFORMATION

7L BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	374142.62	-1214838.60	1A	401		28	15	1	-5400		*503L	1
WSK	374136.32	-1214841.72	1A	416		43	30	16	-5156		136R	16
OL ON GS	374135.28	-1214852.84	1A	431		58	45	31	-4263		250R	35
OL ON LTD WSK	374135.35	-1214904.59	1A	416		43	30	16	-3318		253R	27
WSK	374139.42	-1214928.29	1A	392		19	6	-8	-1410		140L	15
TREE	374143.25	-1214929.37	1A	399		26	13	-1	-1319		*527L	23
TREE	374142.72	-1214930.55	1A	398		25	12	-2	-1225		473L	22
FENCE	374141.52	-1214932.09	1A	380		7	-6	-20	-1102		350L	4
FENCE	374141.61	-1214942.06	1A	377		4	-9	-23	-301		351L	3
TREE	374143.58	-1214947.34	1A	410		37	24	10	126		*546L	37
FENCE	374142.28	-1214947.90	1A	379		6	-7	-21	170		414L	6
TREE	374143.26	-1214951.56	1A	417		44	31	17	465		511L	31
OL ON LOC	374138.22	-1214952.64	1A	385		12	-1	-15	546		0R	-6
POLE	374134.17	-1214954.14	1A	400		27	14	0	663		412R	4
TREE	374143.28	-1214954.42	1A	419		46	33	19	695		510L	21
TREE	374141.81	-1214956.21	1A	416		43	30	16	837		360L	12
TREE	374143.59	-1215001.49	1A	422		49	36	22	1263		536L	-4
TREE	374138.95	-1215010.67	1A	429		56	43	29	1996		59L	-34

25R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	374142.28	-1214947.90	1A	379		-21	-21	-21	-5422		414R	6
TREE	374143.58	-1214947.34	1A	410		10	10	10	-5379		*546R	37
FENCE	374141.61	-1214942.06	1A	377		-23	-23	-23	-4952		351R	3
FENCE	374141.52	-1214932.09	1A	380		-20	-20	-20	-4150		350R	4
TREE	374142.72	-1214930.55	1A	398		-2	-2	-2	-4028		473R	22
TREE	374143.25	-1214929.37	1A	399		-1	-1	-1	-3934		*527R	23

25R PIR (CONTINUED)

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
WSK	374139.42	-1214928.29	1A	392		-8	-8	-8	-3843		140R	15
OL ON LTD WSK	374135.35	-1214904.59	1A	416		16	16	16	-1934		253L	27
OL ON GS	374135.28	-1214852.84	1A	431		31	31	31	-989		250L	35
WSK	374136.32	-1214841.72	1A	416		16	16	16	-97		136L	16
BUSH	374142.62	-1214838.60	1A	401		1	1	1	148		*503R	1
BLDG	374134.66	-1214835.44	1A	408		8	8	8	409		299L	4
HGR	374143.15	-1214834.72	1A	414		14	14	14	458		*561R	9
FENCE	374132.43	-1214834.29	1A	411		11	11	11	504		523L	5
FENCE	374135.28	-1214833.98	1A	408		8	8	8	526		235L	2
TREE	374143.20	-1214831.58	1A	439		39	39	39	711		568R	29
TREE	374135.14	-1214829.62	1A	433		33	33	33	876		246L	19
TREE	374143.42	-1214828.05	1A	427		27	27	27	995		593R	12
HGR	374141.00	-1214825.82	1A	419		19	19	19	1176		351R	-1
TREE	374135.12	-1214825.34	1A	442		42	42	42	1221		244L	22
TREE	374130.89	-1214823.68	1A	438		38	38	38	1358		671L	15
TREE	374135.05	-1214822.74	1A	443		43	43	43	1430		249L	19
OL ON BLDG	374130.05	-1214821.25	1A	444		44	44	44	1555		*753L	17
ANT	374142.12	-1214820.81	1A	433		33	33	33	1578		467R	5
RD(N)	374137.42	-1214819.92	1A	419		19	19	19	1654		7L	-10
TREE	374143.97	-1214747.77	1A	484		84	84	84	4232		682R	4
TREE	374141.88	-1214745.77	1A	495		95	95	95	4394		472R	11
TREE	374148.38	-1214745.41	1A	492		92	92	92	4416		1130R	8
TREE	374129.43	-1214743.40	1A	507		107	107	107	4598		786L	19
TREE	374137.80	-1214742.46	1A	488		88	88	88	4665		62R	-1
ANT	374144.95	-1214740.39	1A	487		87	87	87	4824		786R	-6
TREE	374144.57	-1214734.27	1A	505		105	105	105	5316		754R	3
TREE	374140.73	-1214631.17	1A	585		185	185	185	10391		417R	-19
ANT ON OL TWR	374147.65	-1214610.57	1A	661		261	261	261	12040		1134R	15
TREE	374149.27	-1214545.61	1A	728		328	328	328	14044		1319R	32
WINDMILL	374239.34	-1213956.68	1A	1518		1118	1118	1118	42029		6694R	122
WINDMILL	374238.73	-1213956.07	1A	1521		1121	1121	1121	42079		6633R	124
WINDMILL	374222.42	-1213912.90	1A	1568		1168	1168	1168	45567		5023R	84
WINDMILL	374210.23	-1213859.49	1A	1546		1146	1146	1146	46659		3803R	35
GRD	374023.88	-1213820.46	2C	1863		1463	1463	1463	49923		6917L	270

OBSTRUCTION INFORMATION (CONTINUED)

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7R AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
POLE	374134.17	-1214954.14	1A	400		21	400	0	1916		87L	-65

25L AV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BLDG	374134.66	-1214835.44	1A	408		13	408	8	1710		202R	-62
FENCE	374132.43	-1214834.29	1A	411		16	411	11	1805		22L	-64
FENCE	374135.28	-1214833.98	1A	408		13	408	8	1826		266R	-68
LT	374131.12	-1214830.18	1A	427		32	427	27	2137		151L	-65
TREE	374135.14	-1214829.62	1A	433		38	433	33	2177		255R	-61
ANT ON BLDG	374130.27	-1214827.27	1A	443		48	443	43	2371		235L	-60
TREE	374135.12	-1214825.34	1A	442		47	442	42	2521		257R	-69
TREE	374130.89	-1214823.68	1A	438		43	438	38	2659		170L	-79
TREE	374135.05	-1214822.74	1A	443		48	443	43	2730		252R	-78
OL ON BLDG	374130.05	-1214821.25	1A	444		49	444	44	2855		252L	-84

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
LT	374144.95	-1214913.00	1A	427		27		34627	885	12
SIGN	374143.58	-1214907.16	1A	409		9		1822	895	10
LT	374144.90	-1214907.08	1A	430		30		1430	1012	12
OL ON APBN	374147.26	-1214911.57	1A	441		41		35158	1128	-8
LT	374145.06	-1214922.95	1A	423		23		30402	1185	13
ANT ON OL ATCT	374145.14	-1214903.49	1A	463		63		2559	1200	40
LT	374143.25	-1214858.33	1A	434		34		4414	1399	34
TREE	374143.25	-1214929.37	1A	399		-1		28349	1476	19
LT	374143.24	-1214855.92	1A	435		35		4754	1568	34
HGR	374129.98	-1214854.04	1A	412		12		9701	1671	-7
TREE	374145.60	-1214931.99	1A	423		23		28714	1778	10
TREE	374143.62	-1214935.34	1A	416		16		27751	1924	32
LT	374143.64	-1214850.51	1A	438		38		5233	1981	27
HGR	374143.29	-1214842.51	1A	411		11		5844	2577	2

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
TREE		374146.06	-1214944.72	1A	447		47		27626	2715	31
ANT ON HGR		374143.28	-1214839.67	1A	416		16		6003	2797	6
OL ON HGR		374129.39	-1214839.34	1A	446		46		8904	2815	-2
TREE		374143.58	-1214947.34	1A	410		10		27010	2836	30
BUSH		374142.62	-1214838.60	1A	401		1		6148	2864	1
TREE		374143.95	-1214950.12	1A	411		11		26944	3061	20
HGR		374143.15	-1214834.72	1A	414		14		6207	3180	5
TREE		374145.67	-1214952.49	1A	423		23		27149	3293	-1
LT		374131.12	-1214830.18	1A	427		27		8319	3504	6
ANT ON BLDG		374130.27	-1214827.27	1A	443		43		8406	3748	11
OL ON BLDG		374130.05	-1214821.25	1A	444		44		8321	4230	10
TREE		374145.37	-1214820.17	1A	455		55		6238	4370	15
TREE		374154.90	-1215003.76	1A	469		69		27954	4476	-81
TREE		374145.55	-1214818.41	1A	463		63		6248	4512	21
GRD		374227.14	-1214949.32	2C	616		216		31534	5910	66
TREE		374157.71	-1214804.88	2C	545		145		5318	5914	-5
ANT ON OL TWR		374238.67	-1214906.48	1A	822		422		34951	6343	272
TREE		374151.90	-1214751.51	1A	528		128		6118	6763	-6
TREE		374251.06	-1214923.28	2C	581		181		33851	7615	31
GRD		374246.43	-1214839.00	2C	739		339		606	7619	189
FENCE		374259.50	-1214952.07	1A	798		398		32436	8984	248
GRD		374306.49	-1214853.48	2C	916		516		35447	9271	366
TREE		374050.68	-1214729.29	2C	553		153		10344	9545	3
GRD		374303.75	-1214814.80	2C	819		419		1251	10026	269
GRD		374235.10	-1214732.84	2C	636		236		3828	10034	86
GRD		374251.28	-1214745.48	2C	574		174		2747	10368	24
GRD		374314.61	-1214955.23	2C	947		547		32612	10509	397
GRD		374223.70	-1214714.62	2C	668		268		4809	10680	118
TREE		374038.13	-1214722.02	2C	586		186		10811	10702	36
GRD		374313.89	-1214807.26	2C	828		428		1308	11217	276
GRD		374336.71	-1214849.46	2C	850		450		35349	12340	198
GRD		374340.84	-1214926.96	2C	731		331		33955	12655	60
GRD		374207.87	-1214640.46	2C	628		228		6016	12695	78
TREE		374140.73	-1214631.17	1A	585		185		7252	13040	25
GRD		374335.81	-1215021.50	2C	964		564		32032	13282	304
GRD		374326.34	-1214742.98	2C	741		341		1758	13297	98
GRD		374352.15	-1214902.50	2C	754		354		34830	13780	25

ARP	HCT	(CONTINUED)									
OBJECT		LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
GRD		374345.29	-1214816.97	2C	871		471		401	13820	170
POLE		374326.76	-1215101.64	1A	783		383		30700	14173	110
GRD		374355.12	-1214844.83	2C	889		489		35408	14237	144
GRD		374356.01	-1214943.05	2C	823		423		33518	14343	76
GRD		374355.07	-1214819.34	2C	915		515		203	14701	166
ANT ON OL TWR		374147.65	-1214610.57	1A	661		261		7022	14733	17
GRD		374348.45	-1214741.19	2C	936		536		1351	15289	186
GRD		374338.90	-1215113.60	2C	783		383		30659	15732	33
ROD ON TWR		374246.56	-1213943.20	1A	1593		1193		6601	46367	99
ROD ON TWR		374244.99	-1213941.33	1A	1622		1222		6614	46492	151
WINDMILL		374245.36	-1213939.10	1A	1683		1283		6614	46675	205
WINDMILL		374243.94	-1213938.29	1A	1693		1293		6625	46718	235
GRD		374013.16	-1213823.17	2C	1642		1242		8358	52935	43

 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.