

AERONAUTICAL DATA SHEET
 NATIONAL GEODETIC SURVEY

DATE GENERATED: 03/20/2002

PROJECT NUMBER: 827
 ARPT IDENTIFIER: HRL
 ARPT NAME: VALLEY INTERNATIONAL AIRPORT
 CITY: HARLINGEN
 STATE: TEXAS
 ARPT ELEVATION: 35.9
 AIRPORT REFERENCE POINT

DISTANCE FROM RWY END: 35L+502
 LATITUDE: 261342.6
 LONGITUDE: -973915.8

SITE NUMBER: 24012.A
 SURVEY DATE: 01/20/2001
 HORIZONTAL DATUM: NAD83
 VERTICAL DATUM: NAVD88
 ATCT FLOOR ELEV: 78.0
 DECLINATION: 5.8E

RUNWAY INFORMATION

RUNWAY: 8/26 LENGTH: 5745 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
8	261401.9123	-973937.4566	34.2	903732	34.4				
26	261401.2871	-973834.3670	34.6	2703800	34.6				

PROFILE DATA

DISTANCES FROM APPROACH END 8

DISTANCES FROM APPROACH END 26

DISTANCE	ELEV
0	34.2
575	34.4
942	33.3
3839	33.8
5745	34.6

DISTANCE	ELEV
0	34.6
1906	33.8
4803	33.3
5171	34.4
5745	34.2

RUNWAY: 13/31 LENGTH: 7257 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
13	261359.4639	-973950.2791	34.3	1353743	34.6				
31	261308.0848	-973854.5563	35.6	3153808	35.7				

DISTANCES FROM APPROACH END 13

DISTANCE	ELEV
0	34.3
2459	34.2
7076	35.7
7257	35.6

DISTANCES FROM APPROACH END 31

DISTANCE	ELEV
0	35.6
181	35.7
4797	34.2
7257	34.3

RUNWAY: 17L/35R LENGTH: 5949 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
17L	261402.2292	-973855.2915	33.6	1803812
35R	261303.3105	-973856.0173	34.9	3811

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
34.3				
35.7	190	261305.1932	-973855.9941	35.0

PROFILE DATA

DISTANCES FROM APPROACH END 35R

DISTANCE	ELEV
0	34.9
190	35.0
611	35.7
4744	33.0
5875	33.8
5949	33.6

DISTANCES FROM APPROACH END 17L

DISTANCE	ELEV
0	33.6
74	33.8
1205	33.0
5338	35.7
5759	35.0
5949	34.9

RUNWAY: 17R/35L LENGTH: 8301 WIDTH: 150 SURFACE TYPE: SPECIALLY PREPARED HARD SURFACE - PAVED

RUNWAY END DATA
GEODETIC

RWY	LATITUDE	LONGITUDE	ELEV	AZ (N)
17R	261425.3827	-973930.8555	34.0	1803826
35L	261303.1736	-973931.8744	35.6	3825

DISPLACED THRESHOLD DATA

TDZE	LENGTH	LATITUDE	LONGITUDE	ELEV
34.4				
35.9				

DISTANCES FROM APPROACH END 35L

DISTANCE	ELEV
0	35.6
502	35.9
3926	34.2
5925	34.4
8301	34.0

DISTANCES FROM APPROACH END 17R

DISTANCE	ELEV
0	34.0
2376	34.4
4375	34.2
7799	35.9
8301	35.6

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NAVIGATIONAL AID INFORMATION

ELECTRONIC	LATITUDE	LONGITUDE	ELEV	OFFSET DISTANCE	ALONG CNTRLN DISTANCE
ASR (HRL)	260946.3848	-974243.6007	50.0		
DME (17R)	261248.6432	-973934.5479	50.7		
GS (17R)	261414.9432	-973926.5756	31.7		
GS (17R) PP	261414.9877	-973930.9844	34.2	401L	1050
LOC (17R)	261249.3027	-973932.0382	34.8		1401
NDB (HR)	261818.8378	-973928.1311			
OM (17R)	261818.5922	-973926.5012			23550
VOR/DME(HRL)	261728.3141	-974735.7801	40.0		

VISUAL	LATITUDE	LONGITUDE
ALS (17R)		
APBN	261326.4176	-973953.3584
REIL (13)		
REIL (17L)		
VASI (13)		
VASI (31)		
VASI (35L)		

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OBSTRUCTION INFORMATION

8 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	261359.18	-973944.47	1A	36		2	2	0	636		283R	-20
BUSH	261401.54	-973957.13	1A	36		2	2	0	1791		57R	-78
TREE	261403.22	-974001.45	1A	69		35	35	33	2186		109L	-64

26 BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	261400.04	-973824.10	1A	53		18	18	17	936		116L	-18

13 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
BUSH	261401.54	-973957.13	1A	36		2	1	0	586		299R	-10
BUSH	261408.25	-973954.14	1A	42		8	7	6	880		*369L	-13

31 C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	261259.19	-973850.36	1A	50		14	14	14	909		355L	-7
TREE	261301.99	-973842.35	1A	58		22	22	22	1217		365R	-7

17L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
TREE	261421.62	-973853.43	1A	63		29	29	27	1960		147L	-23

35R BV

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
RD(N)	261259.19	-973856.08	1A	51		16	15	15	416	606	1L	5

17R PIR

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
FENCE	261302.99	-973937.35	1A	41		7	7	5	-8325		499R	5
OL ON AMOM	261332.33	-973927.05	1A	54		20	20	18	-5353		406L	19
ROD ON OL GS	261414.94	-973926.58	1A	66		32	32	30	-1050		401L	32
FENCE	261427.48	-973936.25	1A	37		3	3	1	206		494R	3
ANT ON BLDG	261435.18	-973935.61	1A	50		16	16	14	985		444R	0

35L C

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	261414.94	-973926.58	1A	66		30	30	30	-7251		401R	32
OL ON AMOM	261332.33	-973927.05	1A	54		18	18	18	-2948		406R	19
FENCE	261302.99	-973937.35	1A	41		5	5	5	24		499L	5
FENCE	261300.87	-973937.31	1A	39		3	3	3	239		492L	2
OL ON DME	261248.64	-973934.55	1A	55		19	19	19	1470		227L	-18
POLE	261246.61	-973939.71	1A	69		33	33	33	1680		*695L	-10

ARP HCT

OBJECT	LATITUDE	LONGITUDE	A	ELEV	AGL	HAA	MAG	BEARING	DISTANCE	PNTR
OL ON LTD WSK	261327.76	-973922.76	1A	62		26		19708	1627	-1
ANT ON OL ATCT	261335.35	-973941.63	1A	107		71		24654	2464	11
BUSH	261408.25	-973954.14	1A	42		6		30046	4347	-15
HGR	261303.14	-973940.87	1A	81		45		20401	4592	0
POLE	261303.90	-973842.73	1A	68		32		13634	4933	-6
OL ON BLDG	261257.51	-973942.33	1A	104		68		20209	5154	0
POLE	261246.61	-973939.71	1A	69		33		19516	6058	-12
OL ON TK	261231.23	-974026.63	1A	182		146		21602	9671	-4
OL ON TK	261456.03	-974124.11	1A	177		141		29636	13837	-13
ROD ON OL TWR	261233.77	-974146.51	1A	362	322	326		23721	15384	49

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.