

PAGE 1 OF 6 PAGES

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW35R (MAP)	285 MSL	355.63	
285 MSL	BETVE (FO)		2000

NOTES, (CONT.):

INCREASE ALL DA 42 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BRO VORTAC AIRWAY RADIALS 258 CW 329.

CHART NOTE: BARO-VNAV AND VDP NA WITH PORT ISABEL ALTIMETER SETTING.

CITY AND STATE

HARLINGEN, TX

ELEVATION: 36

THRE: 35

AIRPORT NAME:

VALLEY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35R, ORIG

15 NOVEMBER 2012

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHRL
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	261305.1880N
LTP/FTP LONGITUDE	0973855.9940W
LTP/FTP ELLIPSOIDAL HEIGHT	-00119
FPAP LATITUDE	261434.5500N
FPAP LONGITUDE	0973854.9000W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0992
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	5D8E9AC2
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00107
FPAP ORTHOMETRIC HEIGHT	+00107

CITY AND STATE HARLINGEN, TX	ELEVATION: 36 THRE: 35	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35R, ORIG 15 NOVEMBER 2012	SUP:
	AIRPORT NAME: VALLEY INTL			AMDT: NONE
				DATED:

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible][illegible][illegible]

1	2	3	4	5	6	7	8	9	0	1	2	3
---	---	---	---	---	---	---	---	---	---	---	---	---

CITY AND STATE HARLINGEN, TX	ELEVATION: 36 THRE: 35 AIRPORT NAME: VALLEY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 35R, ORIG 15 NOVEMBER 2012	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

PP 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KHRLK4PR35R RW35R001 0000W35A0N2613051880W09738559940-001190300N2614345500W09738549000106750992000550F4005005D8E9AC2
SUSAP KHRLK4PR35R RW35R002E +00107+00107LPV 72830

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3
1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KHRLK4SRW35RK4PG 0 18018002625 M

CITY AND STATE
HARLINGEN, TX

ELEVATION: 36 THRE: 35
AIRPORT NAME: VALLEY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 35R, ORIG
15 NOVEMBER 2012

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
BRO		BRO	010		IF		FB					
BRO		SIVIE	020	IAF	TF		FB	2.0	315.8(320.8T)	007.8	AA 02000	
BRO		ZABIT	030		TF		FB	1.0	265.7(270.7T)	010.0	AA 02000	
RELAX		RELAX	010		IF		FB					
RELAX		SIVIE	020	IAF	TF		FB	2.0	192.1(197.1T)	014.6	AA 02000	
RELAX		ZABIT	030		TF		FB	1.0	265.7(270.7T)	010.0	AA 02000	
		ZABIT	010	FACF	IF		FB				AA 02000	
		YOTLU	020	FAF	TF		FB	0.5	355.6(000.6T)	007.0	AA 01500	
		AYUNA	021	SDF	TF		FB	0.3	355.6(000.6T)	001.9	AA 00880	GS 00886
		RW35R	030	MAP	TF		FO	0.3	355.6(000.6T)	002.5	AT 00090	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		355.6(000.6T)		AA 00285	
	BETVE	050		DF		FO				AA 02000	
	BETVE	060		HM	R	FO		175.6(180.6T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRO	N255526.67	W0972230.98	N2555.445	W09722.516
	AYUNA	N261034.75	W0973857.82	N2610.579	W09738.964
	BETVE	N262426.83	W0973847.54	N2624.447	W09738.792
	RELAX	N261529.69	W0972312.66	N2615.495	W09723.211
	SIVIE	N260129.75	W0972758.33	N2601.496	W09727.972
	YOTLU	N260838.79	W0973859.24	N2608.647	W09738.987
	ZABIT	N260136.79	W0973904.37	N2601.613	W09739.073
	RW35R	N261305.19	W0973855.99	N2613.087	W09738.933

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW35R	00035		55

CITY AND STATE HARLINGEN, TX	ELEVATION: 36	THRE: 35	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 35R, ORIG 15 NOVEMBER 2012	SUP:
	AIRPORT NAME: VALLEY INTL				AMDT: NONE
					DATED: