

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - 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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	RNP: DA CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 DIRECT RELAX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 173.21 INBOUND. CHART FAS OBST: 63 TREE 261503N/0973927W DISTANCE TO THLD FROM 270 HATH: 0.67 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MINIMUM 3000 AT ZIPIV CHART MINIMUM 3000 AT HERUM #TCH 89.4 MSL (DO NOT CHART)											
ZIPIV (IAF)	ZUNIN (TF) (FB) (RNP 1.00)	175.63 / 4.21	1900												
ZUNIN (IF)	CIXEN (TF) (FB) (RNP 1.00)	175.63 / 3.00	1100												
HERUM (IF)	VARYU (TF) (FB) (RNP 1.00)	198.65 / 5.86	1500												
VARYU	CIXEN (RF) (FB) (RNP 0.60)	(3.14 NM RADIUS CCW CFPQP)/1.26	1100												
CIXEN (FAF) (SEE FORM 8260-10)	RW17R (MAP) (TF) (FO)	175.63 / 3.17													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CIXEN 3. FAC: 175.63 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: CIXEN 1100 5. DIST TO THLD FROM OM: 3.17 MM: _____ IM: 150 HAT: 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1100 GS ALT AT: CIXEN 1100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.4# 34:1 IS CLEAR 8. MSA FROM: RW17R 2600				MAG VAR: 5E EPOCH YEAR: 2005											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		STANDARD										
CATEGORY =====>	A		B		C	D	E								
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.30 DA	304	4000	270	304	4000	270	304	4000	270	304	4000	270			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 54C (130F). CHART NOTE: FOR INOPERATIVE MALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 4500. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT VARYU : MAX 235 KIAS. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 36 THRE: 34		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HARLINGEN, TX		AIRPORT NAME: VALLEY INTL				RNAV (RNP) Z RWY 17R, ORIG 20 SEPTEMBER 2012				AMDT: NONE					
										DATED					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
**RNAV (RNP) - STANDARD,
 INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW17R (MAP)	500 MSL	175.63	500
500 MSL	RELAX (DF) (FO)		2000

NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PLANVIEW NOTE ADJACENT TO HERUM: RF REQUIRED.

CHART PLANVIEW NOTE AT HERUM: (RNP 0.60).

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE
 HARLINGEN, TX

ELEVATION: 36 **THRE: 34**
AIRPORT NAME:
 VALLEY INTL

**FACILITY
 IDENTIFIER:**
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (RNP) Z RWY 17R, ORIG
 20 SEPTEMBER 2012

SUP:
AMDT: NONE
DATED:

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

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 - 424-16 - RNAV (RNP)

[illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SUSAP	KHRLK4AHRL	0	088YHN28133760W097391850E005000035				1800018000C	MNAR	VALLEY INTL				

[illegible][illegible][illegible]

QUALITY
CHECKED

CITY AND STATE
HARLINGEN, TX

ELEVATION: 36
AIRPORT NAME

THRE: 34

VALLEY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 17R, ORIG
20 SEPTEMBER 2012

SUP:

AMDT: NONE

DATED:

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

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APRINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HERUM	HERUM	010		IF		PB				AA 03000	
	HERUM	VARYU	020		TF		PB	1.0			AA 01500	AB 235
	HERUM	CIXEN	030		RF	L	PB	0.6		001.3	AA 01100	
	ZIPIV	ZIPIV	010	IAF	IF		PB				AA 03000	
	ZIPIV	ZUNIN	020		TF		PB	1.0			AA 01900	
	ZIPIV	CIXEN	030		TF		PB	1.0			AA 01100	
		CIXEN	020	PAF	IF		PB				AA 01100	
		RW17R	030	MAP	TF		FO	0.3			AT 00089	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		PB		175.6(180.6T)		AA 00500	
	RELAX	050		DF	L	FO				AA 02000	
	RELAX	060		HM	L	FO		173.2(178.2T) 004.0		AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CFFQP	N261734.22	W0973558.91	N2617.570	W09735.982
	CIXEN	N261736.35	W0973928.53	N2617.606	W09739.476
	HERUM	N262413.07	W0973633.97	N2624.218	W09736.566
	RELAX	N261523.69	W0972312.66	N2615.495	W09723.211
	VARYU	N261850.01	W0973910.96	N2618.834	W09739.183
	ZIPIV	N262449.98	W0973923.23	N2624.833	W09739.397
	ZUNIN	N262036.94	W0973926.32	N2620.616	W09739.432
	RW17R	N261425.35	W0973930.86	N2614.423	W09739.514

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17R	00034		55

QUALITY
CHECKED

CITY AND STATE HARLINGEN, TX	ELEVATION: 36	THRE: 34	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (RNP) Z RWY 17R, ORIG	AMDT: NONE
	VALLEY INTL		RNAV	20 SEPTEMBER 2012	DATED: