

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.

NOTES, (CONT.):

CIRCLING CAT C VISIBILITY TO 2 MILES AND CIRCLING CAT D VISIBILITY TO 3 MILES.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV AND LNAV. FOR INOPERATIVE ODALS WHEN USING MARSHAL COUNTY ALTIMETER SETTING, INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A/B; INCREASE LNAV CAT D VISIBILITY TO 1 3/8.

CHART NOTE: VDP AND BARO-VNAV NA WITH MARSHALL COUNTY ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BDF VORTAC ON AIRWAY RADIALS 058 CW 093.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SMARS ON V9-V128 SOUTHBOUND.

QUALITY
16
CHECKED

CITY AND STATE PERU, IL	ELEVATION: 654 TDZE: 650 AIRPORT NAME: ILLINOIS VALLEY RGNL-WALTER A DUNCAN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 15 OCTOBER 2015	SUP:
				AMDT: ORIG-B
				DATED: 05/05/2011

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVYS
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	412037.0475N
LTP/FTP LONGITUDE	0890910.8330W
LTP/FTP ELLIPSOIDAL HEIGHT	+01613
FPAP LATITUDE	412206.1925N
FPAP LONGITUDE	0890911.7210W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 7631320B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01943
FPAP ORTHOMETRIC HEIGHT	+01943

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CITY AND STATE PERU, IL	ELEVATION: 654 AIRPORT NAME: ILLINOIS VALLEY RGNL-WALTER A DUNCAN FIELD	TDZE: 650	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 15 OCTOBER 2015	SUP:
					AMDT: ORIG-B
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[illegible]

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CITY AND STATE PERU, IL	ELEVATION: 654 AIRPORT NAME: ILLINOIS VALLEY RGNL-WALTER A DUCAN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 15 OCTOBER 2015	SUP:
				AMDT: ORIG-B
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - FAR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BDF	BDF	010		IF		FB					
	BDF	MRKWL	020		TF		FO	2.0	093.4 (090.4T)	019.8	AA 02500	
	BDF	MRKWL	030	IAF	HF	R	FO		002.6 (359.6T)	004.0	AA 02500	
	SMARS	SMARS	010		IF		FB					
	SMARS	MRKWL	020		TF		FB	1.0	280.7 (277.7T)	013.3	AA 02500	
		MRKWL	010	FACF	IF		FB				AA 02500	
		JODYS	020	FAF	TF		FB	0.5	002.6 (359.6T)	006.1	AA 02300	
		COYAR	021	SDF	TF		FB	0.3	002.6 (359.6T)	003.1	AA 01300	GS 01314
		RW36	030	MAP	TF		FO	0.3	002.6 (359.6T)	002.0	AT 00678	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		002.6 (359.6T)		AA 00900	
		JITSA	050		DF		FO				AA 02500	
		JITSA	060		HM	R	FO		182.6 (179.6T)	004.0	AA 02500	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		BDF	N410935.03		W0893516.34		N4109.584		W08935.272			
		COYAR	N411836.99		W0890909.63		N4118.617		W08909.161			
		JITSA	N413245.16		W0890918.11		N4132.753		W08909.302			
		JODYS	N411531.20		W0890907.79		N4115.520		W08909.130			
		MRKWL	N410923.88		W0890904.16		N4109.398		W08909.069			
		SMARS	N410738.18		W0885138.22		N4107.636		W08851.637			
		RW36	N412037.05		W0890910.83		N4120.618		W08909.181			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW36	00638		40							
CITY AND STATE		ELEVATION: 654		TDZE: 650		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:			SUP:	
PERU, IL		AIRPORT NAME:		ILLINOIS VALLEY RGNL-WALTER A DUCAN		RNAV		RNAV (GPS) RWY 36, AMDT 1			AMDT: ORIG-B	
		FIELD						15 OCTOBER 2015			DATED: 05/05/2011	

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