

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										MISSED APPROACH						
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 2500 DIRECT MRKWL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 002.57 INBOUND. CHART FAS OBST: 765 BLDG 412227N/0890934W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.02 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 86937 REFERENCE PATH ID: W18A LTP HAE: 166.4 M						
BDF VORTAC		JITSA (FO)			043.04 / 30.31			2500								
KELSI		JITSA (FO)			314.04 / 9.77			2500								
SHOOF (IAF)		JITSA (NOPT) (FB)			199.18 / 13.06			2500								
JITSA (IF/IAF)		FIREP (FB)			182.57 / 6.10			2300								
FIREP (FAF)		HORA/2.00 NM TO RW18 (FB)			182.57 / 3.04											
HORA/2.00 NM TO RW18		RW18 (MAP) (FO)			182.57 / 2.00											
(SEE FORM 8260-10)																
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N JITSA, RT, 182.57 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>182.57</u> FAF: FIREP DIST FAF TO MAP: <u>5.04</u> THLD: <u>5.04</u> 4. MIN. ALT: JITSA 2500, FIREP 2300, HORA/2.00 NM TO RW18 1320* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2300</u> GS ALT AT: FIREP 2300 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW18 3100																
										MAG VAR: 3W			EPOCH YEAR: 2015			
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	
LPV DA	904	1	250	904	1	250	904	1	250	904	1	250				
LNAV/VNAV DA	926	1	272	926	1	272	926	1	272	926	1	272				
LNAV MDA	1020	1	366	1020	1	366	1020	1	366	1020	1	366				
CIRCLING	1120	1	466	1240	1	586	1260	1 3/4	606	1460	2 1/2	806				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHOOF ON V6 EASTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BDF VORTAC AIRWAY RADIALS 003 CW 085. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARSHALL COUNTY ALTIMETER SETTING AND (SEE FORM 8260-10)																
CITY AND STATE PERU, IL		ELEVATION: 654 TDZE: 654 AIRPORT NAME: ILLINOIS VALLEY RGNL-WALTER A DUNCAN FIELD			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 15 OCTOBER 2015					SUP:				
												AMDT: ORIG-B				
												DATED 05/05/2011				

 @ CAT D 900-2 1/2
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

 QUALITY
 16
 CHECKED

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW18 (MAP)	904 MSL	182.57	
904 MSL	MRKWL (FO)		2500

NOTES, (CONT.):

INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET, INCREASE LNAV CATS C/D VISIBILITY TO 1 1/8, CIRCLING CAT C VISIBILITY TO 2 AND CIRCLING CAT D VISIBILITY TO 3.

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

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELSI ON V38

EASTBOUND AND V10 SOUTHWEST BOUND.

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CITY AND STATE
PERU, IL

ELEVATION: 654 TDZE: 654
AIRPORT NAME:
ILLINOIS VALLEY RGNL-WALTER A DUNCAN
FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, AMDT 1
15 OCTOBER 2015

SUP:
AMDT: ORIG-B
DATED: 05/05/2011

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RNAV - STANDARD
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	AIRPORT NAME:				AMDT: ORIG-B
	ILLINOIS VALLEY RGNL-WALTER A DUNCAN FIELD				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	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	412136.3175N
LTP/FTP LONGITUDE	0890911.4175W
LTP/FTP ELLIPSOIDAL HEIGHT	+01664
FPAP LATITUDE	412007.1730N
FPAP LONGITUDE	0890910.5300W
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>	 119D93A9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01994
FPAP ORTHOMETRIC HEIGHT	+01994

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CITY AND STATE PERU, IL	ELEVATION: 654 AIRPORT NAME: ILLINOIS VALLEY RGNL-WALTER A DUNCAN FIELD	TDZE: 654	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 15 OCTOBER 2015	SUP:
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KVYSK5FR18	ABDF	010BDF	K5D 0V	IF					18000		A JS	
SUSAP	KVYSK5FR18	ABDF	020JITS	AK5EA0EY	020TF		04300303	+	02500			A JS	
SUSAP	KVYSK5FR18	ABDF	030JITS	AK5EA0EE	AR HF		18260040	+	02500			A JS	
SUSAP	KVYSK5FR18	AKELSI	010KELSI	K5EA0E	IF					18000		A JS	
SUSAP	KVYSK5FR18	AKELSI	020JITS	AK5EA0EY	020TF		31400098	+	02500			A JS	
SUSAP	KVYSK5FR18	AKELSI	030JITS	AK5EA0EE	AR HF		18260040	+	02500			A JS	
SUSAP	KVYSK5FR18	ASHOOF	010SHOOF	K5EA0E	A IF					18000		A JS	
SUSAP	KVYSK5FR18	ASHOOF	020JITS	AK5EA0EE	B 010TF		19920131	+	02500			A JS	
SUSAP	KVYSK5FR18	R	010JITS	AK5EA0E	I IF			+	02500	18000		A JS	
SUSAP	KVYSK5FR18	R	020FIRE	PK5EA1E	F 051TF		18260061	+	02300		RW18	K5PGA	JS
SUSAP	KVYSK5FR18	R	020FIRE	PK5EA2	WALPV	ALNAV/VNAV	ALNAV					JS	
SUSAP	KVYSK5FR18	R	021HORA	HK5EA0E	S 031TF		18260030	V	0132001331		-300		A JS
SUSAP	KVYSK5FR18	R	030RW18	K5PGOGY	M 031TF		18260020		00694		-300		A JS
SUSAP	KVYSK5FR18	R	040		0 M CA		1826	+	00904				A JS
SUSAP	KVYSK5FR18	R	050MRK	WLK5EA0EY	DF			+	02500				A JS
SUSAP	KVYSK5FR18	R	060MRK	WLK5EA0EE	R HM		00260040	+	02500				A JS

[illegible]

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<p align="center">U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</p> <p align="center"><u>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</u></p> <p align="center">FLIGHT STANDARDS SERVICES - FAR PART 97.33</p>	<p>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.</p>
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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	JITSA	020		TF		FO	2.0	043.0 (040.0T)	030.3	AA 02500	
	BDF	JITSA	030	IAF	HF	R	FO		182.6 (179.6T)	004.0	AA 02500	
	KELSI	KELSI	010		IF		FB					
	KELSI	JITSA	020		TF		FO	2.0	314.0 (311.0T)	009.8	AA 02500	
	KELSI	JITSA	030	IAF	HF	R	FO		182.6 (179.6T)	004.0	AA 02500	
	SHOOF	SHOOF	010	IAF	IF		FB					
	SHOOF	JITSA	020		TF		FB	1.0	199.2 (196.2T)	013.1	AA 02500	
		JITSA	010	FACF	IF		FB				AA 02500	
		FIREP	020	FAF	TF		FB	0.5	182.6 (179.6T)	006.1	AA 02300	
		HORAH	021	SDF	TF		FB	0.3	182.6 (179.6T)	003.0	AA 01320	GS 01331
		RW18	030	MAP	TF		FO	0.3	182.6 (179.6T)	002.0	AT 00694	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		182.6 (179.6T)		AA 00904	
		MRKWL	050		DF		FO				AA 02500	
		MRKWL	060		HM	R	FO		002.6 (359.6T)	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			
		FIREP	N412639.01		W0890914.44		N4126.650		W08909.241			
		HORAH	N412336.32		W0890911.42		N4123.605		W08909.190			
		JITSA	N413245.16		W0890918.11		N4132.753		W08909.302			
		KELSI	N412620.37		W0885929.04		N4126.340		W08859.484			
		MRKWL	N410923.88		W0890904.16		N4109.398		W08909.069			
		SHOOF	N414518.06		W0890427.29		N4145.301		W08904.455			
		RW18	N412136.32		W0890911.42		N4121.605		W08909.190			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW18	00654		40							



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