

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 2500 DIRECT FAPSA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.38 INBOUND. CHART FAS OBST: 785 TWR 403759N/0893943W DISTANCE TO THLD FROM 289 HAT: 0.76 NM. CHART VDP AT 1.08 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 77509 REFERENCE PATH ID: W31A CHART CIRCLING ICON CHART: 885 TOWER 403544N/0893541W LTP HAE: 162.8 M					
PIA VORTAC		CASIP (FO)		121.94 / 16.19				2500							
LOTTO		BOVME (FB)		041.10 / 13.74				2500							
MAROC		AVENE (FB)		197.67 / 7.80				2500							
BOVME (IAF)		CASIP (NOPT) (FB)		038.61 / 5.00				2400							
AVENE (IAF)		CASIP (NOPT) (FB)		218.69 / 5.00				2400							
CASIP (IF/IAF)		BGRAY (FB)		308.65 / 6.04				2400							
BGRAY (FAF)		RW31 (MAP) (FO)		308.58 / 5.26											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE CASIP, RT, 308.65 INBOUND, 2400 FT. IN LIEU OF PT (IAF) 3. FAC: 308.58 FAF: BGRAY DIST FAF TO MAP: 5.26 THLD: 5.26 4. MIN. ALT: CASIP 2400, BGRAY 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: BGRAY 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 54.7 34:1 IS CLEAR 8. MSA FROM: RW31 2800															
										MAG VAR: 2W 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	939	2400	289	939	2400	289	939	2400	289	939	2400	289			
LNAV/VNAV DA	1122	6000	472	1122	6000	472	1122	6000	472	1122	6000	472			
LNAV MDA	1040	2400	390	1040	2400	390	1040	3500	390	1040	3500	390			
CIRCLING	1160	1	499	1160	1	499	1180	1 1/2	519	1400	2 1/4	739			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F). CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 4500. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 661 TDZE: 650				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
PEORIA, IL		AIRPORT NAME:				RNAV		RNAV (GPS) RWY 31, AMDT 1B				AMDT:			
		GENERAL DOWNING - PEORIA INTL						30 APRIL 2015				DATED 08/22/2013			

 QUALITY
4
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
RW31 (MAP)	939 MSL	308.58	
939 MSL	FAPSA (FO)		2500

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIA VORTAC ON AIRWAY RADIALS 076 CW 167.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOGAN COUNTY ALTIMETER SETTING AND INCREASE ALL DA 89 FT AND ALL MDA 100 FT, INCREASE LPV DA ALL CATS VISIBILITY TO RVR 3500, LNAV/VNAV DA ALL CATS VISIBILITY TO 1 1/4 MILE, LNAV MDA CAT C AND D VISIBILITY TO RVR 5000, AND CIRCLING CAT C 1/4 MILE AND CAT D 1/2 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LOGAN COUNTY ALTIMETER SETTING.

CITY AND STATE
PEORIA, IL

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIA
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	403925.9430N
LTP/FTP LONGITUDE	0894104.5515W
LTP/FTP ELLIPSOIDAL HEIGHT	+01628
FPAP LATITUDE	404025.3440N
FPAP LONGITUDE	0894249.9250W
THRESHOLD CROSSING HEIGHT (TCH)	00054.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

42A1F803

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01957
FPAP ORTHOMETRIC HEIGHT	+01957

CITY AND STATE

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPIAK5FR31	ALOTTO	010	LOTTOK5EA0E	IF					18000		A	JS
SUSAP	KPIAK5FR31	ALOTTO	020	BOVMEK5EA0E	A 020TF		04110137	+	02500			A	JS
SUSAP	KPIAK5FR31	ALOTTO	030	CASIPK5EA0EE	B 010TF		03860050	+	02400			A	JS
SUSAP	KPIAK5FR31	AMAROC	010	MAROCK5EA0E	IF					18000		A	JS
SUSAP	KPIAK5FR31	AMAROC	020	AVENEK5EA0E	A 020TF		19770078	+	02500			A	JS
SUSAP	KPIAK5FR31	AMAROC	030	CASIPK5EA0EE	B 010TF		21870050	+	02400			A	JS
SUSAP	KPIAK5FR31	APIA	010	PIA K5D 0V	IF					18000		A	JS
SUSAP	KPIAK5FR31	APIA	020	CASIPK5EA0EY	020TF		12190162	+	02500			A	JS
SUSAP	KPIAK5FR31	APIA	030	CASIPK5EA0EE	AR HF		30870040	+	02400			A	JS
SUSAP	KPIAK5FR31	R	010	CASIPK5EA0E	I IF			+	02400	18000		A	JS
SUSAP	KPIAK5FR31	R	020	BGRAYK5EA1E	F 051TF		30870060	+	02400		RW31	K5PGA	JS
SUSAP	KPIAK5FR31	R	020	BGRAYK5EA2WALPV		ALNAV/VNAV	ALNAV						JS
SUSAP	KPIAK5FR31	R	030	RW31 K5PGOGY	M 031TF		30860053		00697	-300		A	JS
SUSAP	KPIAK5FR31	R	040		0 M CA		3086	+	00939			A	JS
SUSAP	KPIAK5FR31	R	050	FAPSAK5EA0EY	DF			+	02500			A	JS
SUSAP	KPIAK5FR31	R	060	FAPSAK5EA0EE	R HM		12840040	+	02500			A	JS

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	AIRPORT NAME: GENERAL DOWNING - PEORIA INTL				AMDT:	1A 4
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LOTTO	LOTTO	010		IF		FB					
	LOTTO	BOVME	020	IAF	TF		FB	2.0	041.1 (039.1T)	013.7	AA 02500	
	LOTTO	CASIP	030		TF		FB	1.0	038.6 (036.6T)	005.0	AA 02400	
	MAROC	MAROC	010		IF		FB					
	MAROC	AVENE	020	IAF	TF		FB	2.0	197.7 (195.7T)	007.8	AA 02500	
	MAROC	CASIP	030		TF		FB	1.0	218.7 (216.7T)	005.0	AA 02400	
	PIA	PIA	010		IF		FB					
	PIA	CASIP	020		TF		FO	2.0	121.9 (119.9T)	016.2	AA 02500	
	PIA	CASIP	030	IAF	HF	R	FO		308.7 (306.7T)	004.0	AA 02400	
		CASIP	010	FACF	IF		FB				AA 02400	
		BGRAY	020	FAF	TF		FB	0.5	308.7 (306.7T)	006.0	AA 02400	
		RW31	030	MAP	TF		FO	0.3	308.6 (306.6T)	005.3	AT 00697	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		308.6 (306.6T)		AA 00939	
		FAPSA	050		DF		FO				AA 02500	
		FAPSA	060		HM	R	FO		128.4 (126.4T)	004.0	AA 02500	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		PIA	N404048.26		W0894733.91		N4040.804		W08947.565			
		AVENE	N403642.36		W0892514.67		N4036.706		W08925.245			
		BGRAY	N403617.69		W0893531.24		N4036.295		W08935.521			
		BOVME	N402840.66		W0893304.48		N4028.678		W08933.075			
		CASIP	N403241.58		W0892909.81		N4032.693		W08929.164			
		FAPSA	N404717.19		W0895503.09		N4047.287		W08955.052			
		LOTTO	N401801.18		W0894425.51		N4018.020		W08944.425			
		MAROC	N404413.24		W0892228.69		N4044.221		W08922.478			
		RW31	N403925.94		W0894104.55		N4039.432		W08941.076			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW31	00642		55							

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