

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 1200 THEN CLIMBING RIGHT TURN TO 2700 DIRECT WETEV AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 890 TREE 404902N/0893642W WAAS CHANNEL # 69434 REFERENCE PATH ID: W18A CHART CIRCLING ICON. CHART GENERAL DOWNING-PEORIA INTL ASOS. DISTANCE TO THLD FROM 289 HAT: 0.78 NM. LTP HAE: 208.9 M									
WETEV (IF/IAF)		ZAPEL (TF) (FB) (RNP 1.00)			176.98 / 9.50			2300											
ZAPEL (FAF)		JIMIR/1.60 NM TO RW18 (TF) (FB) (RNP 0.30)			176.99 / 3.01														
JIMIR/1.60 NM TO RW18		RW18 (MAP) (TF) (FO) (RNP 0.30)			176.99 / 1.60														
RW18 (MAP)		1200 MSL (CA)			176.99			1200											
1200 MSL		WETEV (DF) (FO) (RNP 1.00)						2700											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N WETEV, RT, 176.98 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 176.99 FAF: ZAPEL DIST FAF TO MAP: 4.61 THLD: 4.61 4. MIN. ALT: WETEV 2700, ZAPEL 2300, JIMIR/1.60 NM TO RW18 1340* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2300 GS ALT AT: ZAPEL 2300 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____																MAG VAR: 2W		EPOCH YEAR: 2010	
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A <input checked="" type="checkbox"/> X												
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	1082	1 1/4	289	1082	1 1/4	289	1082	1 1/4	289		NA								
LNAV/VNAV DA	1198	1 3/8	405	1198	1 3/8	405	1198	1 3/8	405		NA								
LNAV MDA	1180	1	387	1180	1	387	1180	1 1/8	387		NA								
CIRCLING	1360	1	567	1360	1	567	1420	1 3/4	627		NA								
NOTES: CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: BARO-VNAV NA. (CONTINUED ON PAGE 2)																			
CITY AND STATE		ELEVATION: 793 TDZE: 793			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:							
PEORIA, IL		AIRPORT NAME:						RNAV (GPS) RWY 18, AMDT 2				AMDT: 1A							
		MOUNT HAWLEY AUXILIARY										DATED 03/05/2015							



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify)		<div>X</div> PIA APP CON, AMGR			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
DAVID TEFFETELLER (FRANK MOORE)				AJV-5433	03/20/2017
APPROVED BY					
NAME:				FIFO	DATE:
PATRICK MULQUEEN				AJV-5430	
CHANGES:					
<div>1. CA LEG ALTITUDE CHANGED FROM 1194 TO 1200.</div> <div>2. NEW FAS OBST.</div> <div>3. GS INCPT, GS ALT, GS ANGLE AND TCH ADDED.</div> <div>4. LP MINIMUMS REMOVED.</div> <div>5. LOWERED LNAV MDAS CATS A, B AND C FROM 1220 TO 1180, HATS FROM 426 TO 387.</div> <div>6. CIRCLING HAA CATS A AND B CHANGED FROM 566 TO 567, CAT C FROM 626 TO 627.</div> <div>7. "CHART NOTE: RWY 18 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT." CHANGED TO "CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT."</div> <div>8. "CHART NOTE: USE GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE LACON ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE LP CAT C VISIBILITY 1/4 MILE AND LNAV CAT C VISIBILITY 1/8 MILE." TO "USE GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE LACON ALTIMETER SETTING: INCREASE LPV DA TO 1112 FEET AND ALL VISIBILITIES 1/8 MILE, INCREASE LNAV/VNAV DA TO 1228 FEET AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDAS 40 FEET AND VISIBILITY CAT C 1/8 SM".</div> <div>9. DELETED "CHART PROFILE NOTE: DESCENT ANGLE NA."</div> <div>10. ADDED LNAV/VNAV MINIMA.</div> <div>11. ADDED BARO-VNAV NA NOTE.</div> <div>(SEE FORM 8260-10)</div>					
REASONS:					
<div>1. NEW MANDATORY CLIMB ALTITUDE IN MISSED APPROACH.</div> <div>2. NEW OBST EVAL.</div> <div>3. LPV MINIMUMS ADDED.</div> <div>4. LPV MINIMUMS ADDED.</div> <div>5. NEW OBST EVALUATION BASED ON A VG SURVEY.</div> <div>6. APT ELEV ROUNDED UP.</div> <div>7. NEW SURVEY SHOWS 20:1 OBSTACLES TO RWY 18 CLEARED.</div> <div>8. LPV MINIMUMS ADDED AND NEW OBST EVALUATION BASED ON A VG SURVEY.</div> <div>9. GS ADDED WITH LPV.</div> <div>10. FPT REQUEST BASED ON NEW SURVEY.</div> <div>11. REMOTE ALTIMETER USED.</div> <div>12. PREVIOUS CALCULATIONS TRUNCATED VALUE VS. PROPER ROUNDING.</div> <div>13. CANNOT TURN AIRCRAFT BELOW 400' ABOVE TDZE.</div>					

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

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NOTES, (CONT.):

CHART NOTE: USE GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE LACON ALTIMETER

SETTING: INCREASE LPV DA TO 1112 FEET AND ALL

VISIBILITIES 1/8 MILE, INCREASE LNAV/VNAV DA TO 1228 FEET AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL

MDAS 40 FEET AND VISIBILITY CAT C 1/8 SM.

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	087/30 CW 267/30 (NOPT)	WETEV (IF/IAF) (FB)	2700
2.	267/30 CW 087/30	WETEV (IF/IAF) (FO)	2800

QUALITY
24
CHECKED

CITY AND STATE
PEORIA, IL

ELEVATION: 793 **TDZE: 793**
AIRPORT NAME:
MOUNT HAWLEY AUXILIARY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, AMDT 2

SUP:
AMDT: **1A**
DATED: **03/05/2015**

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	OTHER (specify) <div><input type="checkbox"/></div>		
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 12. CHANGED DIST FAF TO MAP/THLD FROM 4.60 TO 4.61. 13. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMBING RIGHT TURN TO 2700 DIRECT WETEV AND HOLD" TO "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2700 DIRECT WETEV AND HOLD".					
REASONS:					

**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**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	3MY
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	404804.6315N
LTP/FTP LONGITUDE	0893650.7570W
LTP/FTP ELLIPSOIDAL HEIGHT	+02089
FPAP LATITUDE	404635.8145N
FPAP LONGITUDE	0893640.5365W
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	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

928C9DA1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02418
FPAP ORTHOMETRIC HEIGHT	+02418

QUALITY
24
CHECKED

CITY AND STATE PEORIA, IL	ELEVATION: 793 AIRPORT NAME: MOUNT HAWLEY AUXILIARY	TDZE: 793 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 2	SUP:
				AMDT: 1A
				DATED: 03/05/2015

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA <input type="checkbox"/>		AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>
					NBAA <input type="checkbox"/>
					OTHER (specify) <input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.					
STRAIGHT-IN AREA		087/30 CW 267/30		WETEV		1. TOWER (17-001858)		411629.00N/0895818.00W		1390 (5D)		1000		AT310		2700					
						2. TERRAIN		411427.00N/0893403.00W		959 (1000)				AS1500		2500					
STRAIGHT-IN AREA		267/30 CW 087/30		WETEV		3. TOWER (17-001398)		403841.00N/0891047.00W		1787 (5D)		1000				2800					
						4. TERRAIN		405836.00N/0901154.00W		883 (900)				AS1500		2400					
INTERMEDIATE		WETEV (IF/IAF)		ZAPEL		5. WINDMILL (17-020016)		410217.67N/0893620.10W		1277 (4D)		500		AT523		2300					
						6. TERRAIN		410230.00N/0893630.00W		880 (900)				AS1000		1900					
FINAL: LPV		ZAPEL		DA		7. POLE (17-022857)		404817.23N/0893645.49W		845 (2C)		34:1		RA39 AC20		1082/289					
FINAL: LNAV/VNAV		ZAPEL		DA		8. STEEPLE (K3MYT000440)		404905.55N/0893644.10W		887 (1A)		23.38:1		RA39		1198/405					
FINAL: LNAV		ZAPEL		JIMIR/1.60 NM TO RW18		9. COMMUNICATION (K3MYT000452)		404956.88N/0893715.59W		970 (1A)		250		RA69 DG51		1340					
FINAL: LNAV STEPDOWN		JIMIR/1.60 NM TO RW18		RW18		10. TREE		404901.86N/0893641.73W		890 (1A)		250		RA39		1180					
2. HOLD-IN-LIEU-OF-PT		WETEV		P-5		11. WMILL (17-020088)		410345.27N/0893620.30W		1296 (4D)		1000		AT404		2700					
						12. TERRAIN		410354.00N/0893654.00W		892 (892)				AS1500		2400					
3. MISSED APPROACH	MAP:		RW18		WETEV						ASC				2700						
	ELEV:		856/1009/1041				5. WMILL (17-020016)		410217.67N/0893620.10W		1277 (4D)		1000		2300						
						6. TERRAIN		410220.00N/0893630.00W		880 (900)				AS1500		2400					
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.																	
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	350		567		13. TOWER (17-006096)		404636.00N/0893544.00W		953 (4D)		300		RA39 AC50		1360	
CATEGORY B		1.5 NM				450		567		13. TOWER (17-006096)		404636.00N/0893544.00W		953 (4D)		300		RA39 AC50		1360	
CATEGORY C		1.7 NM				450		627		14. TOWER (17-001710)		404523.00N/0893529.00W		1028 (5D)		300		RA39 AC50		1420	
CATEGORY D		2.3 NM				550															
CATEGORY E		4.5 NM				550															
5. MINIMUM SAFE ALTITUDES																					
PRIMARY NAVAID:																					
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A			
CITY AND STATE		PEORIA, IL		ELEVATION: 793		AIRPORT NAME: MOUNT HAWLEY AUXILIARY		FACILITY RNAV		PROCEDURE AND AMENDMENT NO: RNAV (GPS) RWY 18, AMDT 2		REGION AGL									

QUALITY
24

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																					
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.																
IKK FSS PIA APP CON							N W S		OTHER: ASOS			SOURCE:KPIA / KC75					ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.														
							F A A					DISTANCE: 8.70 / 16.92					CAT A: 1.30NM														
							A / C					HOURS REMOTE OPERATION: 24/YES / 24/YES					CAT B: 1.83NM														
SATISFACTORY ON:																				CAT C: 2.88NM											
X		V H F		X		U H F				H F		LOCATION: KPIA					ADJUSTMENT: 39 / 69					NO ADDITIONAL AIRSPACE REQUIRED.									
4. MONITOR STATUS		PRIMARY NAVAID:																		100' VEGETATION USED PER FPT.											
		MONITOR POINT:																													
		HRS OPTN:		CAT 1																											
						CAT 3																25 DEGREE BANK ANGLE USED FOR MISSED APPROACH CONSTRUCTION.									
5. APPROACH & RUNWAY LIGHTING				ALS																		VISUAL PORTION OF FINAL PENETRATIONS: 34:1 823 TREE (K3MYT000272) 404813.81N/0893654.64W (7.50) 822 TREE (K3MYT000276) 404814.07N/0893655.06W (5.65) 818 TREE (K3MYT000269) 404813.57N/0893654.24W (3.29) 817 TREE (K3MYT000273) 404814.05N/0893653.91W (0.93)									
				(S) SALS																											
				MALS																											
				HIRL																											
		X		MIRL 18 (PCL), 36 (PCL)																											
		X		REIL 36 (PCL)																											
				TDZ																											
				C/LINE																											
		X		OTHER (SPECIFY) VASI-4L 36 (PCL)																		RASS PRESSURE PATTERNS ARE THE SAME K3MY: 793.4 MSL/KPIA: 660.60 MSL RA = 38.58 K3MY: 793.4 MSL/KC75: 584.60 MSL RA = 68.14									
6. RUNWAY MARKINGS		BASIC BSC-G 36																		WMSCR: KPIA: YES; KC75: YES											
		ALL WEATHER																													
		INSTRUMENT NPI-G 18																													
7. RUNWAY VISUAL RANGE		APPROACH																		VGSI DATA: NONE											
		MIDFIELD																													
		ROLL OUT																													
8. GLIDE PATH		GP ANGLE: 3.00								ELEV RWY THRESHOLD:793.4										BARO-VNAV NA DUE TO REMOTE ALTIMETERS, CRITICAL TEMPS NOT PROVIDED. STANDARD DEVIATION -30C USED TO DETERMINE ACT OF -16C.											
		DISTANCE FROM RWY:								ELEV GP ANTENNA:																					
										THRESHOLD CROSSING HEIGHT:40.0																					
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD														FT. FROM THRESHOLD											
				X		ON CENTERLINE														FT. FROM CENTERLINE											
10. WAIVERS: NONE																															
PART D - PREPARED BY: DAVID TEFFETELLER (FRANK MOORE)										DATE: 03/20/2017										QUALITY 24 CHECKED											
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5433																					