

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: RW07 CLIMB TO 3100 DIRECT IGLAW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 254.39 INBOUND. CHART FAS OBST: 1131 TREE 421455N/0842802W DISTANCE TO THLD FROM 265 HAT: 0.74 NM. CHART VDP AT 1.18 NM TO RW07* *LNAV ONLY. WAAS CHANNEL # 62841 REFERENCE PATH ID: W07A CHART CIRCLING ICON. LTP HAE: 266 M					
PYRON (IAF)		LNDEN (NOPT) (TF) (FB) (RNP 1.00)			164.02 / 7.00			2700							
DOSGE (IAF)		LNDEN (NOPT) (TF) (FB) (RNP 1.00)			344.10 / 7.00			2700							
LNDEN (IF/IAF)		BERWI (TF) (FB) (RNP 1.00)			074.06 / 5.95			2700							
BERWI (FAF)		KONGZ/1.82 NM TO RW07 (TF) (FB) (RNP 0.30)			074.14 / 3.45										
KONGZ/1.82 NM TO RW07		RW07 (MAP) (TF) (FO) (RNP 0.30)			074.14 / 1.82										
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W LNDEN, RT, 074.06 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 074.14 FAF: BERWI DIST FAF TO MAP: 5.27 THLD: 5.27 4. MIN. ALT: LNDEN 2700, BERWI 2700, KONGZ/1.82 NM TO RW07 1600* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: BERWI 2700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 37.0 34:1 IS CLEAR 8. MSA FROM: _____															
										MAG VAR: 7W			EPOCH YEAR: 2020		
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	1258	7/8	265	1258	7/8	265	1258	7/8	265	1258	7/8	265			
LNAV/VNAV DA	1292	1	299	1292	1	299	1292	1	299	1292	1	299			
LNAV MDA	1400	1	407	1400	1	407	1400	1 1/8	407	1400	1 1/8	407			
CIRCLING	1480	1	479	1480	1	479	1660	1 3/4	659	1660	2	659			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE		ELEVATION: 1001 TDZE: 993			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
JACKSON, MI		AIRPORT NAME:			JACKSON COUNTY-REYNOLDS FIELD		RNAV (GPS) RWY 7, ORIG, 12/07/2017					AMDT: NONE			
												DATED			



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>12/07/2017</div>	
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> ZOB, LAN APP CON, JXN ATCT, AMGR			
FLIGHT CHECKED BY <i>Digitally signed by</i>					
NAME:		PENDING		BEV L BORDY Jul 26, 2017	
				FIFO FIOG	
DEVELOPED BY					
NAME:		BEV L BORDY (STEVEN OWNBEY)		BEV L BORDY Jul 26, 2017	
				FIFO AJV-5433	
				DATE: 06/13/2017	
APPROVED BY					
NAME:		PATRICK MULQUEEN		BEV L BORDY MANAGER	
				FIFO AJV-5430	
				DATE:	
CHANGES: Jul 26, 2017					
ORIGINAL PROCEDURE					
REASONS:					

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
RW07 (MAP)	1258 MSL (CA)	074.14	

1258 MSL	IGLAW (DF) (FO) (RNP 1.00)		3100
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TAA

	FROM	TO	ALT
1.	344/30 CW 164/30 (NOPT)	LNDEN (IF/IAF) (FB)	2700
2.	164/30 CW 254/30	PYRON (IAF) (FB)	3100
3.	254/30 CW 344/30	DOSGE (IAF) (FB)	3100

QUALITY
6
CHECKED

CITY AND STATE JACKSON, MI	ELEVATION: 1001	TDZE: 993	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG, 12/07/2017	SUP:
	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD				AMDT: NONE
					DATED:

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>
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:					
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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJXN
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	421528.5415N
LTP/FTP LONGITUDE	0842815.9560W
LTP/FTP ELLIPSOIDAL HEIGHT	+02660
FPAP LATITUDE	421603.0415N
FPAP LONGITUDE	0842625.3135W
THRESHOLD CROSSING HEIGHT (TCH)	00037.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1120
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 2B80B034

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03002
FPAP ORTHOMETRIC HEIGHT	+03002

QUALITY
6
CHECKED

CITY AND STATE JACKSON, MI	ELEVATION: 1001 AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	TDZE: 993	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG, 12/07/2017	SUP:
					AMDT: NONE
					DATED:

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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		344/30 CW 164/30		LNDEN		1. TOWER (26-001645)		415328.00N/0843853.00W		1562 (5D)		1000				2600			
						2. TERRAIN		420127.00N/0843121.00W		1241 (1200)				AS1500		2700			
LEFT BASE AREA		164/30 CW 254/30		PYRON		3. TOWER (26-000991)		422225.60N/0840410.22W		2045 (1A)		1000				3100			
						4. TERRAIN		421918.00N/0840851.00W		1136 (1100)				AS1500		2600			
RIGHT BASE AREA		254/30 CW 344/30		DOSGE		3. TOWER (26-000991)		422225.60N/0840410.22W		2045 (1A)		1000				3100			
						5. TERRAIN		415636.00N/0842636.00W		1244 (1200)				AS1500		2700			
INITIAL		PYRON		LNDEN		6. TOWER (26-000594)		421610.00N/0844636.00W		1499 (4D)		1000		AT201		2700			
						7. TERRAIN		421236.00N/0844127.00W		1080 (1100)				AS1500		2600			
INITIAL		DOSGE		LNDEN		8. AAO		420445.34N/0843656.93W		1350 (2C)		1000				2400			
						9. TERRAIN		420445.34N/0843656.93W		1150 (1200)				AS1500		2700			
INTERMEDIATE		LNDEN (IF/IAF)		BERWI		10. AAO		420907.02N/0843718.25W		1330 (2C)		500		AT870		2700			
						11. TERRAIN		420907.02N/0843718.25W		1130 (1100)				AS1500		2600			
FINAL: LPV		BERWI		RW07		12. TREE (26-089224)		421520.41N/0842852.76W		1057 (1A)		34:1		MA15		1258/265			
FINAL: LNAV/VNAV		BERWI		RW07		13. TREE (26-100060)		421454.56N/0842801.79W		1131 (1A)		161				1292/299			
2. HOLD-IN-LIEU-OF-PT		LNDEN		P-5		10. AAO		420907.02N/0843718.25W		1330 (2C)		1000		AT370		2700			
						15. TERRAIN		420947.73N/0843602.89W		1130 (1100)				AS1500		2600			
3. MISSED APPROACH	MAP:		DA / DA / RW07		IGLAW		12. TREE (26-089224)		421520.41N/0842852.76W		1057 (1A)		ASC				3100		
	ELEV:		1057/1131/1300				16. TOWER (26-001893)		421738.00N/0841448.00W		1324 (5D)		1000				2400		
						17. TERRAIN		421809.00N/0841239.00W		1090 (1100)				AS1500		2600			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	350		479		18. WATER TOWER (26-421421.98N/0842827.95W		1165 (1B)		300		1480			
CATEGORY B		1.5 NM				450		479		19. TOWER (26-025080)		421352.12N/0842644.02W		1180 (2C)		300		1480	
CATEGORY C		1.7 NM				450		659		20. ANTENNA (26-		421316.99N/0842604.14W		1346 (1B)		300		1660	
CATEGORY D		2.3 NM				550		659		20. ANTENNA (26-		421316.99N/0842604.14W		1346 (1B)		300		1660	
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)			
CITY AND STATE		ELEVATION: 1001		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION											
JACKSON, MI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 7, ORIG, 12/07/2017		AGL											
JACKSON COUNTY-REYNOLDS FIELD																			

QUALITY
6

CHECKED

PART B - SUPPLEMENTAL DATA												
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING					
JXN TOWER ZOB ARTCC LAN APP CON					N W S	OTHER: ASOS		SOURCE:KJXN / KTEW				
					F A A			DISTANCE: 0 / 18.40				
					A / C			HOURS REMOTE OPERATION: 0/YES / 24/YES				
SATISFACTORY ON:												
X	V H F	X	U H F		H F	LOCATION: KJXN			ADJUSTMENT: 0 / 54			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS OPTN:	CAT 1		CAT 3							
5. APPROACH & RUNWAY LIGHTING			ALS									
			(S) SALS									
		X	MALSR 25 (PCL)									
		X	HIRL 07 (PCL), 25 (PCL)									
		X	MIRL 14 (PCL), 32 (PCL)									
		X	REIL 32 (PCL)									
			TDZ									
			C/LINE									
		X	OTHER (SPECIFY) PAPI-4L 07 (PCL), 14, 25 (PCL), 32									
6. RUNWAY MARKINGS		BASIC										
		ALL WEATHER PIR-F 07, 25										
		INSTRUMENT NPI-G 14, 32										
7. RUNWAY VISUAL RANGE		APPROACH										
		MIDFIELD										
		ROLL OUT										
8. GLIDE PATH		GP ANGLE: 3.00				ELEV RWY THRESHOLD:985.0						
		DISTANCE FROM RWY:				ELEV GP ANTENNA:						
						THRESHOLD CROSSING HEIGHT:37.0						
9. FINAL APPROACH COURSE AIMING			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD			
			X	ON CENTERLINE					FT. FROM CENTERLINE			
10. WAIVERS: NONE												
PART D - PREPARED BY: BEV L BORDY (STEVEN OWNBEY)						DATE: 06/13/2017						
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5433						

PART C - REMARKS:	
PRECIPITOUS TERRAIN EVALUATION COMPLETED.	
CIRCLING OBSTACLE OBSTRUCTIONS: CAT A WATER TOWER (26-091871) CAT B TOWER (26-025080) CAT C/D ANTENNA (26-092335)	
CRITICAL TEMPERATURES: CRITICAL LOW :-21C (-5F) CRITICAL HIGH :+54C (+130F) ACT :-21C APT ISA :+13.02C	
CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016). CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 967 HIGH TEMP 1129.	
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.84NM CAT C: 2.89NM CAT D: 3.78NM	
SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS SAME KJXN 1000.8, KTEW 919.5 RA = 53.69.	
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING. INCREASE LPV DA TO 1312 FEET AND VISIBILITY ALL CATS 1/4 SM. INCREASE LNAV/VNAV DA TO 1346 AND VISIBILITY ALL CATS 1/4 SM. INCREASE ALL MDA 60 FEET AND CATS C/D 1/4 SM.	
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MASON JEWETT FIELD ALTIMETER SETTING.	
100 FT VEGETATION USED	
LPV SLOPE 34:1 ISA DEVIATION -34.02 LNAV/VNAV SLOPE 23.89:1	
VGSI DATA: 3.00/37.0	
STEP DOWN LOCATION AT 1.82 TO MATCH VGSI DATA	
QUALITY 6 CHECKED	

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	