

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE 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.													
TERMINAL ROUTES								MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 3000 DIRECT BAVDY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 050.54 INBOUND. CHART FAS OBST: 886 TREE 453450N/0844802W CHART FAS OBST: 818 TREE 453456N/0844711W DISTANCE TO THLD FROM 336 HAT: 0.92 NM. WAAS CHANNEL # 81915 REFERENCE PATH ID: W23A									
PLN VORTAC		FUBUP (FO)		035.05 / 5.45		2400											
DIPLE		GICNI (FB)		096.34 / 24.59		2400											
JUPUN		ECAFO (FB)		337.13 / 10.26		2400											
PINES (IAF)		FUBUP (NOPT) (FB)		200.06 / 19.82		2400											
GICNI (IAF)		FUBUP (NOPT) (FB)		140.77 / 5.00		2400											
ECAFO (IAF)		FUBUP (NOPT) (FB)		320.89 / 5.00		2400											
FUBUP (IF/IAF)		HUMIR (FB)		230.83 / 6.10		2400											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE FUBUP, RT, 230.83 INBOUND, 2400 FT. IN LIEU OF PT (IAF) 3. FAC: 230.76 FAF: HUMIR _____ DIST FAF TO MAP: 5.06 THLD: 5.06 4. MIN. ALT: FUBUP 2400, HUMIR 2400, IBILE/3.00 NM TO RW23 1720* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: HUMIR _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 44.8 34:1 IS NOT CLEAR 8. MSA FROM: RW23 3200								MAG VAR: 6W EPOCH YEAR: 1985									
MINIMUMS																	
TAKEOFF:		STANDARD		X		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	1057	1 1/4	336	1057	1 1/4	336	1057	1 1/4	336	1057	1 1/4	336					
LNAV/VNAV DA	1109	1 1/4	388	1109	1 1/4	388	1109	1 1/4	388	1109	1 1/4	388					
LNAV MDA	1240	1	519	1240	1	519	1240	1 1/2	519	1240	1 3/4	519					
CIRCLING	1260	1	539	1280	1	559	1280	1 1/2	559	1420	2 1/4	699					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING HARBOR SPRINGS ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 721 TDZE: 721				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
PELLSTON, MI				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 23, ORIG				AMDT: NONE	
				PELLSTON RGNL ARPT OF EMMET COUNTY								27 AUG 2009				DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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NOTES CONT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARBOR SPRINGS ALTIMETER SETTING AND INCREASE ALL DA 28 FEET, ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CITY AND STATE

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPLN
RUNWAY RW23
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W23A
LTP/FTP LATITUDE 453440.5080N
LTP/FTP LONGITUDE 0844716.5730W
LTP/FTP ELLIPSOIDAL HEIGHT +01843
FPAP LATITUDE 453337.1800N
FPAP LONGITUDE 0844845.7700W
THRESHOLD CROSSING HEIGHT (TCH) 00044.8
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1104
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

79C12143

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02196
FPAP ORTHOMETRIC HEIGHT +02196

QUALITY
2
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CITY AND STATE

PELLSTON, MI

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TDZE: 721

AIRPORT NAME:

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPLNK5FR23	ADIPLE	010DIPLEK5EA0E	IF						18000		A JS	
SUSAP	KPLNK5FR23	ADIPLE	020GICNIK5EA0E	A 020TF		09630246		+ 02400				A JS	
SUSAP	KPLNK5FR23	ADIPLE	030FUBUPK5EA0EE	010TF		14080050		+ 02400				A JS	
SUSAP	KPLNK5FR23	AJUPUN	010JUPUNK5EA0E	IF						18000		A JS	
SUSAP	KPLNK5FR23	AJUPUN	020ECAFOK5EA0E	A 020TF		33710103		+ 02400				A JS	
SUSAP	KPLNK5FR23	AJUPUN	030FUBUPK5EA0EE	010TF		32090050		+ 02400				A JS	
SUSAP	KPLNK5FR23	APINES	010PINESK5EA0E	A IF						18000		A JS	
SUSAP	KPLNK5FR23	APINES	020FUBUPK5EA0EE	010TF		20010198		+ 02400				A JS	
SUSAP	KPLNK5FR23	APLN	010PLN K5D 0V	IF						18000		A JS	
SUSAP	KPLNK5FR23	APLN	020FUBUPK5EA0EY	020TF		03510055		+ 02400				A JS	
SUSAP	KPLNK5FR23	APLN	030FUBUPK5EA0EE	AR HF		23080040		+ 02400				A JS	
SUSAP	KPLNK5FR23	R	010FUBUPK5EA0E	I IF						18000		A JS	
SUSAP	KPLNK5FR23	R	020HUMIRK5EA1E	F 051TF		23080061		+ 02400			RW23 K5PGA	JS	

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	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KPLNK5FR23	R	020HUMIRK5EA2WALPV	ALNAV/VNAV ALNAV										JS
SUSAP KPLNK5FR23	R	021IBILEK5EA0E S 031TF					23080021	V 0172001729		-300		A JS	
SUSAP KPLNK5FR23	R	030RW23 K5PG0GY M 031TF					23080030	00765		-300		A JS	
SUSAP KPLNK5FR23	R	040BAVDYK5EA0EYM 010DF						+ 03000				A JS	
SUSAP KPLNK5FR23	R	050BAVDYK5EA0EE R020HM					05050040	+ 03000				A JS	
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KPLNK5GRW23	0054012307	N45344051W084471657-0200					+0184300720000045150R						
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KPLNK5PR23	RW23 001	0000W23A0N4534405080W08447165730+018430300N4533371800W08448457700106751104000448F40050079C12143											
SUSAP KPLNK5PR23	RW23 002E	+02196+02196LPV 81915											
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KPLNK5SRW23	K5PG	0 18018003225										M	

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DIPLE	DIPLE	010		IF		FB				
	DIPLE	GICNI	020	IAF	TF		FB	2.0	096.3 (090T)	024.6	02400
	DIPLE	FUBUP	030		TF		FB	1.0	140.8 (135T)	005.0	02400
	JUPUN	JUPUN	010		IF		FB				
	JUPUN	ECAFO	020	IAF	TF		FB	2.0	337.1 (331T)	010.3	02400
	JUPUN	FUBUP	030		TF		FB	1.0	320.9 (315T)	005.0	02400
	PINES	PINES	010	IAF	IF		FB				
	PINES	FUBUP	020		TF		FB	1.0	200.1 (194T)	019.8	02400
	PLN	PLN	010		IF		FB				
	PLN	FUBUP	020	IAF	TF		FO	2.0	035.1 (029T)	005.5	02400
	PLN	FUBUP	030		HF	R	FO		230.8 (225T)	004.0	02400
		FUBUP	010	FACF	IF		FB				02400
		HUMIR	020	FAF	TF		FB	0.5	230.8 (225T)	006.1	02400
		IBILE	021	SDF	TF		FB	0.3	230.8 (225T)	002.1	0172001729
		RW23	030	MAP	TF		FO	0.3	230.8 (225T)	003.0	00765

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAVDY	040		DF		FO	1.0			03000
	BAVDY	050		HM	R	FO	2.0	050.5 (045T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PLN	N453750.32	W0843950.82	N4537.839	W08439.847
	BAVDY	N452513.11	W0850032.82	N4525.219	W08500.547
	DIPLE	N454621.19	W0851615.98	N4546.353	W08516.266
	ECAFO	N453904.24	W0843101.14	N4539.071	W08431.019
	FUBUP	N454235.81	W0843604.44	N4542.597	W08436.074
	GICNI	N454607.15	W0844108.38	N4546.119	W08441.140
	HUMIR	N453816.25	W0844212.07	N4538.271	W08442.201
	IBILE	N453648.39	W0844416.20	N4536.807	W08444.270
	JUPUN	N453005.47	W0842357.34	N4530.091	W08423.956
	PINES	N460149.36	W0842912.26	N4601.823	W08429.204
	RW23	N453440.51	W0844716.57	N4534.675	W08447.276

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00720	45

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