

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: RW09R CLIMB TO 3000 DIRECT GUZVY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 274.84 INBOUND. CHART FAS OBST: 1189 TREE 424037N/0832719W. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.24 NM TO RW09R* *LNAV ONLY. WAAS CHANNEL # 90415 REFERENCE PATH ID: W09A CHART CIRCLING ICON. LTP HAE: 264.8 M					
FNT VORTAC		HASRI (TF) (FB) (RNP 2.00)		177.54 / 13.80				3000							
HASRI (IAF)		EDESE (NOPT) (TF) (FB) (RNP 1.00)		184.48 / 5.00				3000							
IMAXY (IAF)		EDESE (NOPT) (TF) (FB) (RNP 1.00)		004.48 / 5.00				3000							
EDESE (IF/IAF)		CEVRA (TF) (FB) (RNP 1.00)		094.48 / 6.21				2700							
CEVRA (FAF)		AZIBY/2.90 NM TO RW09R (TF) (FB) (RNP 0.30)		094.57 / 2.25											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W EDESE, RT, 094.48 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 094.57 FAF: CEVRA DIST FAF TO MAP: 5.15 THLD: 5.15 4. MIN. ALT: EDESE 3000, CEVRA 2700, AZIBY/2.90 NM TO RW09R 1960* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: CEVRA 2700 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.4 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW09R 2900															
										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	1181	2400	200	1181	2400	200	1181	2400	200	1181	2400	200			
LNAV/VNAV DA	1580	1 1/2	599	1580	1 1/2	599	1580	1 1/2	599	1580	1 1/2	599			
LNAV MDA	1420	4000	439	1420	4000	439	1420	4000	439	1420	5000	439			
CIRCLING	1500	1	519	1540	1	559	1640	1 3/4	659	1640	2	659			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLEMAN A YOUNG ALTIMETER SETTING. CHART NOTE: CIRCLING RWY 09L, 36 NA AT NIGHT. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 981 TDZE: 981				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
PONTIAC, MI		AIRPORT NAME: OAKLAND COUNTY INTL						RNAV (GPS) RWY 9R, ORIG-B				AMDT: ORIG-A			
								19 JULY 2018				DATED 12/07/2017			

QUALITY
 25
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			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.																	
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<table><thead><tr><th>FROM</th><th>TO</th><th>COURSE AND DISTANCE</th><th>ALTITUDE</th></tr></thead><tbody><tr><td>AZIBY/2.90 NM TO RW09R</td><td>RW09R (MAP) (TF) (FO) (RNP 0.30)</td><td>094.57 / 2.90</td><td></td></tr><tr><td>RW09R (MAP)</td><td>1181 MSL (CA)</td><td>094.57</td><td></td></tr><tr><td>1181 MSL</td><td>GUZVY (DF) (FO) (RNP 1.00)</td><td></td><td>3000</td></tr></tbody></table>					FROM	TO	COURSE AND DISTANCE	ALTITUDE	AZIBY/2.90 NM TO RW09R	RW09R (MAP) (TF) (FO) (RNP 0.30)	094.57 / 2.90		RW09R (MAP)	1181 MSL (CA)	094.57		1181 MSL	GUZVY (DF) (FO) (RNP 1.00)		3000
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1181 MSL	GUZVY (DF) (FO) (RNP 1.00)		3000																	
NOTES, (CONT.): CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FNT VORTAC ON V353 NORTHEAST BOUND. CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA, NA WHEN USING COLEMAN A YOUNG MUNI ALTIMETER SETTING. PBN REQUIREMENTS NOTE: RNP APCH. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLEMAN A YOUNG MUNI ALTIMETER SETTING AND INCREASE LPV DA TO 1286 FEET, LNAV/VNAV DA TO 1685 FEET AND ALL MDA 120 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 2 SM, INCREASE LNAV CAT C VISIBILITY TO RVR 5000, CAT D VISIBILITY TO RVR 6000, AND CIRCLING CAT C/D VISIBILITY 1/2 SM. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CATS A/B VISIBILITY TO RVR 5000. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING COLEMAN A YOUNG MUNI ALTIMETER SETTING; INCREASE LPV ALL CATS, AND LNAV CATS A/B VISIBILITY TO RVR 5000.																				
QUALITY 25 CHECKED																				
CITY AND STATE PONTIAC, MI	ELEVATION: 981 AIRPORT NAME: OAKLAND COUNTY INTL	TDZE: 981	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9R, ORIG-B 19 JULY 2018																
				SUP: AMDT: ORIG-A DATED: 12/07/2017																

**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	KPTK
RUNWAY	RW09R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	423952.6120N
LTP/FTP LONGITUDE	0832603.5325W
LTP/FTP ELLIPSOIDAL HEIGHT	+02648
FPAP LATITUDE	423956.2800N
FPAP LONGITUDE	0832402.8680W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0760
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 A18A12F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02988
FPAP ORTHOMETRIC HEIGHT	+02988

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