

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> DETROIT METROPOLITAN WAYNE COUNTY	<u>AIRPORT ID</u> KDTW	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 4L	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> DETROIT	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 645	<u>TDZE</u> 645	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 4L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-12.**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SYKOE	IAF	HURRT		TF	FB	1.00	123.05	6.20	4000
HURRT		ACIRA		TF	FB	1.00	065.43	5.00	4000
GRBAC	IAF	MMOTT		TF	FB	1.00	140.94	6.38	3000
MMOTT		ASLLI		TF	FB	1.00	067.53	4.75	3000
NBSTN	IAF	ACIRA		TF	FB	1.00	035.54	2.09	4000
ACIRA		ASLLI		TF	FB	1.00	035.55	3.14	3000
ASLLI		NATYI		TF	FB	1.00	035.58	4.20	3000
NATYI		REGGE		TF	FB	1.00	035.61	3.14	3000
REGGE	IF	PAYED		TF	FB	1.00	035.63	3.14	2000
PAYED	FAF	HIPKA/1.80 NM TO RW04L		TF	FB	0.30	035.65	2.28	
HIPKA/1.80 NM TO RW04L		RW04L	MAP	TF	FO	0.30	035.65	1.80	
RW04L	MAP	1100 MSL		CA			035.65		1100
1100 MSL		DOHNT		DF	FO	1.00			4000



MINIMUMS:
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD 

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	845	1800	200	845	1800	200	845	1800	200	845	1800	200			
LNAV/VNAV DA	1046	4000	401	1046	4000	401	1046	4000	401	1046	4000	401			
LNAV MDA	1040	2400	395	1040	2400	395	1040	3500	395	1040	3500	395			
CIRCLING	1180	1	535	1180	1	535	1180	1 1/2	535	1240	2	595			

CHANGES - REASONS

1. REFERENCE PATH ID CHANGED FROM W04A TO W04D. - PREVIOUS BUILD USED REFERENCE PATH ID ALREADY IN USE.

2. CRC REMAINDER CHANGED FROM A5B33521 TO 9A8E1BD1. - SIAP AUTO GENERATION OF ALPHA-NUMERIC CRC.

04/18/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/21/2019.

1. ADDED STANDARD TO ALTERNATE MINIMUMS BLOCK.

02/05/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/31/2018.

1. ADDED NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°."

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: DTW ATCT, ZOB, AMGR, DTW APP CON, ATA

FLIGHT CHECKED BY	Digitally signed by	OFFICE	DATE	
SHAWN MAXWELL	CASIMIR L TABAKA	FICO	4/11/19	
	Apr 18, 2019			
DEVELOPED BY	Digitally signed by	OFFICE	DATE	
ROBERT G HAMILTON (AUSTIN GOTCHER)	CASIMIR L TABAKA	AJV-A422	12/31/2018	
	Apr 18, 2019			
APPROVED BY	Digitally signed by	OFFICE	DATE	TITLE
JULIE MORGAN	CASIMIR L TABAKA	AJV-A42		MANAGER
	Apr 18, 2019			



AIRPORTDETROIT METROPOLITAN WAYNE
COUNTYAIRPORT ID

KDTW

PROCEDURE NAME

RNAV (GPS) Z RWY 4L

ORIGINAL/AMENDMENT

ORIG-A

CITY

DETROIT

STATE

MI

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KDTW
RUNWAY RW04L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Z
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W04D
LTP/FTP LATITUDE 421207.8215N
LTP/FTP LONGITUDE 0832302.4000W
LTP/FTP ELLIPSOIDAL HEIGHT +01621
FPAP LATITUDE 421334.4520N
FPAP LONGITUDE 0832158.6115W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
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) 35.0

CRC REMAINDER 9A8E1BD1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +01967
FPAP ORTHOMETRIC HEIGHT +01967

QUALITY
4
CHECKED