

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-B	<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SUPERSEDED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-A	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

<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>
SIZOR	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



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW04L

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 DIRECT DOHNT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT ASLLI

3. FAC: 035.65 FAF: PAYED DIST FAF TO MAP: 4.08 DIST FAF TO THLD: 4.08

4. MIN ALT: ASLLI 3000, NATIY 3000, REGGE 3000, PAYED 2000, HIPKA/1.80 NM TO RW04L 1260*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.45 GS ANT:

6. MIN GP INCPT: 2000 GP ALT AT FAF PAYED 2000 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 55.0

8. MSA FROM: RW04L 2800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 19°C OR ABOVE 54°C.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000.

CHART SPEED ICON IN PLANVIEW AT SIZOR: MAX210 KIAS.

CHART SPEED ICON IN PLANVIEW AT GRBAC: MAX210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT GRBAC.

CHART MANDATORY 4000 AT HURRT.

CHART MANDATORY 3000 AT MMOTT.

CHART MANDATORY 6000 AT SIZOR.

CHART CIRCLING ICON.

CHART VDP AT 1.01 NM TO RW04L*

*LNAV ONLY

WAAS CHANNEL #82241

REFERENCE PATH ID: W04D

CHART FAS OBST: 779 TOWER 421051N/0832322W.

HOLD NW, RT, 117.62 INBOUND

LTP HAE: 162.1 M



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

ALTERNATE: NA ☐

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. FIX SYKOE CHANGED TO SIZOR - ATC REQUEST DUE TO FIX NAME CONFUSION.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, DTW APP CON, METRO TOWER

FLIGHT CHECKED BY
PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY
RUSS ROSLEWSKI
Digitally signed by
RUSSELL ROSLEWSKI
Jun 13, 2019

APPROVED BY
MARLON ROBINSON
Digitally signed by
DAVID DANNER
Aug 20, 2019

OFFICE *Digitally signed by*
DAVID DANNER
Aug 20, 2019
OFFICE
AJV-A421
DATE
04/12/2019
OFFICE
AJV-A420
DATE

TITLE
MANAGER



AIRPORTDETROIT METROPOLITAN WAYNE
COUNTYAIRPORT ID

KDTW

PROCEDURE NAME

RNAV (GPS) Z RWY 4L

ORIGINAL/AMENDMENT

ORIG-B

CITY

DETROIT

STATE

MI

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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

