

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) Y 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SUPERSEDED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) Y RWY 4L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 11/10/2016	<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		COZZY		TF	FB	1.00	056.99	4.73	4000
GRBAC	IAF	MMOTT		TF	FB	1.00	140.94	6.38	3000
MMOTT		RUCOB		TF	FB	1.00	060.33	4.51	3000
SMPTR	IAF	COZZY		TF	FB	1.00	038.07	2.14	4000
COZZY		RUCOB		TF	FB	1.00	038.09	3.14	3000
RUCOB		JITLI		TF	FB	1.00	038.11	4.14	3000
JITLI		PEVSE		TF	FB	1.00	038.14	3.14	3000
PEVSE	IF	MOTWN		TF	FB	1.00	038.16	3.14	2000
MOTWN	FAF	(CFDXT)	MAP	TF	FO	0.30	038.18	4.08	
(CFDXT)	MAP	1100 MSL		CA			038.18		1100
1100 MSL		DOHNT		DF	FO	1.00			4000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: (CFDXT)

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 RUCOB
3. FAC:

038.18

FAF: MOTWN

DIST FAF TO MAP: 4.08

DIST FAF TO THLD: 4.08
4. MIN ALT: RUCOB 3000, JITLI 3000, PEVSE 3000, MOTWN 2000
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.61

GS ANT:
6. MIN GP INCPT:

2000

GP ALT AT FAF : MOTWN 2000

OM:

MM:

IM:
7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 54.9
8. MSA FROM: CFDXT 2800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED 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 SPEED ICON IN PLANVIEW AT SIZOR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT GRBAC: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 4000 AT HURRT.
CHART MANDATORY 3000 AT MMOTT.
CHART MANDATORY 6000 AT SIZOR.
CHART MANDATORY 5000 AT GRBAC.
CHART LOC RWY 3R/4R.
FICTITIOUS THRESHOLD POINT (CFDXT) DO NOT CHART.
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.53 DEGREES.
CHART VDP AT 1.01 NM TO CFDXT*
*LNAV ONLY
WAAS CHANNEL #82439
REFERENCE PATH ID: W04A
CHART FAS OBST: 779 TOWER 421051N/0832322W.
870 AAO 420924N/0832552W.
FAC CROSSES RWY C/L EXTENDED 2531 FT FROM THLD.
HOLD NW, RT, 117.62 INBOUND
FTP HAE: 162.1 M



AIRPORTDETROIT METROPOLITAN WAYNE
COUNTYAIRPORT ID

KDTW

PROCEDURE NAME

RNAV (GPS) Y 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

Y

REFERENCE PATH DATA SELECTOR

0

REFERENCE PATH IDENTIFIER (APPROACH ID)

W04A

LTP/FTP LATITUDE

421207.2510N

LTP/FTP LONGITUDE

0832301.1310W

LTP/FTP ELLIPSOIDAL HEIGHT

+01621

FPAP LATITUDE

421323.4800N

FPAP LONGITUDE

0832158.9910W

THRESHOLD CROSSING HEIGHT (TCH)

00054.9

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)

50.0

CRC REMAINDER

741059C3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE

K5

LTP ORTHOMETRIC HEIGHT

+01967

FPAP ORTHOMETRIC HEIGHT

+01967

