

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

AIRPORT DETROIT METROPOLITAN WAYNE COUNTY	AIRPORT ID KDTW	PROCEDURE NAME RNAV (RNP) X RWY 3R	ORIGINAL/AMENDMENT ORIG-B	CITY DETROIT	STATE MI
AIRPORT ELEVATION 645	TDZE 633	SUPERSEDED RNAV (RNP) X RWY 3R	ORIGINAL/AMENDMENT ORIG-A	DATED 06/21/2018	MAG VAR 7W EPOCH YEAR 2020
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 28 FEBRUARY 2019	REQUIRED EFFECTIVE DATE ROUTINE	CANCEL/SUSPEND	

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-03.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MERCA	IAF	SOLDD		TF	FB	1.00	269.70	5.79	6000
SOLDD		BBBOB		RF	FB	1.00	(2.63 NM RADIUS CW (CFDTQ))	2.06	5000
BBBOB		WILOO		RF	FB	1.00	(2.56 NM RADIUS CW (CFPLP))	3.63	5000
WILOO	IAF	LEWUK		TF	FB	1.00	035.56	4.00	5000
LEWUK		HARLA		TF	FB	1.00	035.59	1.14	5000
HARLA		LIONZ		TF	FB	1.00	035.60	2.00	5000
BRDER	IAF	JOSHY		TF	FB	1.00	299.33	5.87	5000
BRAXN	IAF	KNNNY		TF	FB	1.00	214.75	3.50	5000
KNNNY		JOSHY		RF	FB	1.00	(2.75 NM RADIUS CW (CFVCH))	4.06	5000
JOSHY		LIONZ		RF	FB	1.00	(2.75 NM RADIUS CW (CFVCH))	4.63	5000
LIONZ		WATCH		TF	FB	1.00	035.61	3.14	4000
WATCH		RIBME		TF	FB	1.00	035.63	3.14	3000
RIBME	IF	NUVUE	PFAF	TF	FB	1.00	035.66	3.14	2000
NUVUE	PFAF	RW03R	MAP	TF	FO	0.30	035.68	4.12	
RW03R	MAP	1100 MSL		CA			035.68		1100
1100 MSL		GAAGE		DF	FO	1.00			4000



AIRPORT

DETROIT METROPOLITAN WAYNE COUNTY

AIRPORT ID

KDTW

PROCEDURE NAME

RNAV (RNP) X RWY 3R

ORIGINAL/AMENDMENT

ORIG-B

CITY

DETROIT

STATE

MI


MISSED APPROACH**MAP:**

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 DIRECT GAUGE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2. PROFILE STARTS AT LIONZ								
3. FAC:	035.68	PFAF:	NUVUE	DIST PFAF TO MAP:		DIST PFAF TO THLD:		
4. MIN ALT:	LIONZ 5000, WATCH 4000, RIBME 3000, NUVUE 2000							
5. DIST TO THLD FROM OM:	4.12	MM:	IM:	150 HAT:	388 HAT:	1.05	GS ANT:	
6. MIN GP INCPT:	2000	GP ALT AT PFAF : NUVUE 2000			OM:		MM:	IM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	54.3	
8. MSA FROM: RW03R 2800								

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE ADJACENT TO MERCA IAF: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO BRDER IAF: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO BRAXN IAF: RF REQUIRED.
 CHART SPEED ICON IN PLANVIEW AT MERCA: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT BRDER: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT BRAXN: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

ROUTE TYPE: A, H
 ROUTE TYPE QUALIFIER 1: F
 ROUTE TYPE QUALIFIER 2: S
 CHART MAXIMUM 6000 AT SOLDD.
 CHART MINIMUM 5000 AT WILOO.
 CHART MINIMUM 5000 AT BRAXN.
 CHART MANDATORY 7000 AT MERCA.
 CHART MANDATORY 6000 AT BRDER.
 CHART MANDATORY 5000 AT BBBOB.
 HOLD SE, RT, 303.46 INBOUND



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ORIGINAL/AMENDMENT

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DETROIT

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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
AUTHORIZATION REQUIRED																
RNP 0.30 DA	1021	3500	388	1021	3500	388	1021	3500	388	1021	3500	388				

CHANGES - REASONS

1. CHANGED MAX SPEED AT BRAXN FROM 200 KIAS TO 210 KIAS. - ATC REQUEST.

01/02/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/13/2018. JH

1. REMOVED FROM LINE 4. MIN ALT: MERCA 7000, BRDER 6000.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOB ARTCC, DTW APP CON, METRO TOWER, AMGR

FLIGHT CHECKED BY

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

OFFICE

DATE

Digitally signed by
ROBERT G HAMILTON
Jan 02, 2019

DEVELOPED BY

JIMMY S. HUGHES

Digitally signed by
JIMMY S HUGHES
Jan 02, 2019

OFFICE

AJV-5422

DATE

09/04/2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5420

DATE

Digitally signed by
ROBERT G HAMILTON
Jan 02, 2019

TITLE
MANAGER

