

**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.

<u><b>AIRPORT</b></u> DETROIT METROPOLITAN WAYNE COUNTY	<u><b>AIRPORT ID</b></u> KDTW	<u><b>PROCEDURE NAME</b></u> RNAV (RNP) W RWY 4L	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG	<u><b>CITY</b></u> DETROIT	<u><b>STATE</b></u> MI
<u><b>AIRPORT ELEVATION</b></u> 645	<u><b>TDZE</b></u> 645	<u><b>SUPERSEDED</b></u>	<u><b>ORIGINAL/AMENDMENT</b></u>	<u><b>DATED</b></u>	<u><b>MAG VAR</b></u> 7W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 28 FEBRUARY 2019	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 2020

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
SKRUG	IAF	NTHNN		TF	FB	1.00	219.53	3.97	5500
NTHNN		REGGE		RF	FB	1.00	(2.90 NM RADIUS CCW (CFDTM))	9.31	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	RW04L	MAP	TF	FO	0.30	035.65	4.08	
RW04L	MAP	1100 MSL		CA			035.65		1100
1100 MSL		DOHNT		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

RNP: DA

**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 NBSTN

3. FAC: 035.65

FAF:

DIST FAF TO MAP:

DIST FAF TO THLD:

4. MIN ALT: NBSTN 4000, ACIRA 4000, ASLLI 3000, NATIY 3000, REGGE 3000, PAYED 2000

5. DIST TO THLD FROM OM: 4.08

MM:

IM:

150 HAT:

413 HAT: 1.12

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: 54.9

8. MSA FROM: RW04L 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 SKRUG: RF REQUIRED.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.  
CHART SPEED ICON IN PLANVIEW AT SKRUG: MAX 210 KIAS.  
CHART PLANVIEW NOTE ADJACENT TO SKRUG: PROCEDURE ENTRY AT SKRUG NA ABOVE 22°C.

ADDITIONAL FLIGHT DATA:

ROUTE TYPE: A, H  
ROUTE TYPE QUALIFIER 2: S  
ROUTE TYPE QUALIFIER 1: F  
CHART MANDATORY 7000 AT SKRUG  
HOLD NW, RT, 117.62 INBOUND

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 0.15 DA	970	2600	325	970	2600	325	970	2600	325	970	2600	325			
RNP 0.30 DA	1058	4000	413	1058	4000	413	1058	4000	413	1058	4000	413			

**CHANGES - REASONS**

- 10/17/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/06/2018.  
1. ADDED PLANVIEW NOTE PROCEDURE ENTRY AT SKRUG NA ABOVE 22°C.  
2. REMOVED FAHRENHEIT TEMP DESIGNATORS FROM UNCOMPENSATED BARO-VNAV NOTE.  
3. REMOVED FAHRENHEIT TEMP DESIGNATORS FROM CRITICAL TEMPERATURES.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

ROBERT INGELS STUCKERT

*Digitally signed by*  
**WARDELL HENNING**  
Oct 25, 2018

**OFFICE**

FIOG

**DATE**

10/01/2018

**DEVELOPED BY**

NICHOLAS K. JACKSON

*Digitally signed by*  
**NICHOLAS JACKSON**  
Oct 17, 2018

**OFFICE**

AJV-5431

**DATE**

04/06/2018

**APPROVED BY**

PATRICK MULQUEEN

*Digitally signed by*  
**WARDELL HENNING**  
Oct 25, 2018

**OFFICE**

AJV-5430

**DATE**

**TITLE**  
MANAGER

