

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33										Bearings, headings, courses, 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 in feet RVR.									
TERMINAL ROUTES																	MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW27R CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 4000 DIRECT KUPNE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD S, RT, 352.49 INBOUND. CHART FAS OBST: 777 TOWER 421240N/0831920W. DISTANCE TO THLD FROM 200 HAT: 0.47 NM. WAAS CHANNEL # 86220 REFERENCE PATH ID: W27A CHART CIRCLING ICON. LTP HAE: 158.8 M												
FRNDS (IAF)				HONOR (TF) (FB) (RNP 1.00)				276.02 / 3.14				6000														
HONOR				STANS (TF) (FB) (RNP 1.00)				275.97 / 3.14				5000														
STANS				AERIC (TF) (FB) (RNP 1.00)				275.92 / 3.14				4000														
AERIC				DOTTI (TF) (FB) (RNP 1.00)				275.88 / 3.14				3000														
DOTTI (IF)				GUGRE (TF) (FB) (RNP 1.00)				275.83 / 3.14				2000														
(SEE FORM 8260-10)																										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT FRNDS 3. FAC: 275.78 FAF: GUGRE DIST FAF TO MAP: 4.13 THLD: 4.13 4. MIN. ALT: FRNDS 7000, HONOR 6000, STANS 5000, AERIC 4000, DOTTI 3000, GUGRE 2000, YANUC/1.40 NM TO RW27R 1120* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: GUGRE 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 49.8 20:1 IS CLEAR 34:1 IS CLEAR 8. MSA FROM: RW27R 2800																	MAG VAR: 7W EPOCH YEAR: 2020									
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD														
CATEGORY =====>		A			B			C			D			E												
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA											
LPV DA**	835	2400	200	835	2400	200	835	2400	200	835	2400	200														
LNAV/VNAV DA	938	2400	303	938	2400	303	938	2400	303	938	2400	303														
LNAV MDA	1040	2400	405	1040	2400	405	1040	4000	405	1040	4000	405														
CIRCLING	1180	1	535	1180	1	535	1180	1 1/2	535	1240	2	595														
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). *LNAV ONLY (CONTINUED ON PAGE 2)																										
CITY AND STATE				ELEVATION: 645 TDZE: 635				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:										
DETROIT, MI				AIRPORT NAME:								RNAV (GPS) RWY 27R, AMDT 3A				AMDT: 3										
				DETROIT METROPOLITAN WAYNE COUNTY								24 MAY 2018				DATED 11/10/2016										



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GUGRE (FAF)	YANUC/1.40 NM TO RW27R (TF) (FB) (RNP 0.30)	275.78 / 2.73	
YANUC/1.40 NM TO RW27R	RW27R (MAP) (TF) (FO) (RNP 0.30)	275.78 / 1.40	
RW27R (MAP)	1100 MSL (CA)	275.78	1100
1100 MSL	KUPNE (DF) (FO) (RNP 1.00)		4000

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C AND D VISIBILITY TO RVR 6000.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

CHART NOTE: **1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

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

PBN REQUIREMENTS NOTE: RNP APCH

QUALITY
23
CHECKED

CITY AND STATE DETROIT, MI	ELEVATION: 645 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	TDZE: 635	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27R, AMDT 3A 24 MAY 2018	SUP:
					AMDT: 3
					DATED: 11/10/2016

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW27R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	421303.0215N
LTP/FTP LONGITUDE	0831951.7145W
LTP/FTP ELLIPSOIDAL HEIGHT	+01588
FPAP LATITUDE	421301.0135N
FPAP LONGITUDE	0832151.5950W
THRESHOLD CROSSING HEIGHT (TCH)	00049.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0096
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 8B871918

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01933
FPAP ORTHOMETRIC HEIGHT	+01933

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