

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - STANDARD, 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		RNP: DA							
RROZE (IAF)		HHAYY (TF) (FB) (RNP 1.00)		215.76 / 3.32				8000		CLIMB TO 4000 DIRECT LUPAY AND HOLD.							
HHAYY		JULEP (RF) (FB) (RNP 1.00)		(3.41 NM RADIUS CCW (CFDTF))/10.74				7000									
CLEVR (IAF)		BRTTA (TF) (FB) (RNP 1.00)		091.16 / 3.00				8000		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 215.18 INBOUND. DISTANCE TO THLD FROM 391 HAT: 1.07 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MINIMUM 8000 AT BAANG CHART MANDATORY 9000 AT RROZE. CHART MANDATORY 8000 AT CLEVR. CHART MANDATORY 9000 AT CAATZ. CHART MANDATORY 9000 AT MDDIE.							
BRTTA		ARRGH (RF) (FB) (RNP 1.00)		(3.82 NM RADIUS CCW (CFCKC))/3.71				7000									
BAANG (IAF) (SEE FORM 8260-10)		ARRGH (TF) (FB) (RNP 1.00)		035.53 / 2.04				7000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 7W EPOCH YEAR: 2020							
2. PROFILE STARTS AT JULEP																	
3. FAC: 035.67 FAF: _____ DIST FAF TO MAP: _____ THLD: _____																	
4. MIN. ALT: JULEP 7000, CULOP 6000, HIMEX 5000, EVABE 4000, JELLY 3000, ETALE 2000																	
5. DIST TO THLD FROM OM: 4.11 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 2000 GS ALT AT: ETALE 2000 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 52.3 20:1 IS CLEAR 34:1 IS CLEAR																	
8. MSA FROM: RW04R 2800																	
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		DH/MDA VIS HAT/HAA		DH/MDA VIS HAT/HAA		DH/MDA VIS HAT/HAA	
AUTHORIZATION REQUIRED																	
RNP 0.30 DA		1031 3500 391		1031 3500 391		1031 3500 391		1031 3500 391		1031 3500 391		1031 3500 391					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C (-2F) OR ABOVE 54C (130F). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. CHART SPEED ICON IN PLANVIEW AT RROZE : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT CLEVR : MAX 210 KIAS. (CONTINUED ON PAGE 2)																	
CITY AND STATE DETROIT, MI		ELEVATION: 645 TDZE: 640 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) X RWY 4R, ORIG 24 MAY 2018						SUP: AMDT: NONE DATED			



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TERMINAL ROUTES, (CONT.):				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CAATZ (IAF)	LNDAN (TF) (FB) (RNP 1.00)	271.59 / 2.50	8000	
LNDAN	SANNN (RF) (FB) (RNP 1.00)	(3.60 NM RADIUS CW (CFCJS))/3.54	8000	
SANNN	ELVSS (TF) (FB) (RNP 1.00)	327.90 / 1.15	8000	
ELVSS	ARRGH (RF) (FB) (RNP 1.00)	(3.10 NM RADIUS CW (CFBWQ))/3.66	7000	
MDDIE (IAF)	GGUSS (TF) (FB) (RNP 1.00)	215.87 / 3.13	8000	
GGUSS	JULEP (RF) (FB) (RNP 1.00)	(3.22 NM RADIUS CW (CFDSV))/10.11	7000	
ARRGH	JULEP (TF) (FB) (RNP 1.00)	035.54 / 1.10	7000	
JULEP	CULOP (TF) (FB) (RNP 1.00)	035.55 / 3.14	6000	
CULOP	HIMEX (TF) (FB) (RNP 1.00)	035.57 / 3.14	5000	
HIMEX	EVABE (TF) (FB) (RNP 1.00)	035.60 / 3.14	4000	
EVABE	JELLY (TF) (FB) (RNP 1.00)	035.62 / 3.14	3000	
JELLY (IF)	ETALE (TF) (FB) (RNP 1.00)	035.64 / 3.15	2000	
ETALE (FAF)	RW04R (MAP) (TF) (FO) (RNP 0.30)	035.67 / 4.11		
RW04R (MAP)	1031 MSL (CA)	035.67		
1031 MSL	LUPAY (DF) (FO) (RNP 1.00)		4000	
NOTES, (CONT.): CHART SPEED ICON IN PLANVIEW AT CAATZ : MAX 210 KIAS. CHART SPEED ICON IN PLANVIEW AT MDDIE : MAX 210 KIAS. CHART PLANVIEW NOTE ADJACENT TO RROZE IAF: RF REQUIRED. CHART PLANVIEW NOTE ADJACENT TO CLEVR IAF: RF REQUIRED.				
CITY AND STATE DETROIT, MI	ELEVATION: 645 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	TDZE: 640	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) X RWY 4R, ORIG 24 MAY 2018
SUP:				
AMDT:				NONE
DATED:				

QUALITY
35
CHECKED

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CHART PLANVIEW NOTE ADJACENT TO CAATZ IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO MDDIE IAF: RF REQUIRED.
PBN REQUIREMENT NOTE: RNP AR APCH.

QUALITY
25
CHECKED

CITY AND STATE

DETROIT, MI

ELEVATION: 645

TDZE: 640

AIRPORT NAME:

DETROIT METROPOLITAN WAYNE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (RNP) X RWY 4R, ORIG

24 MAY 2018

SUP:

AMDT: NONE

DATED: