

RNAV - 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	LPV: DA LNAV/VNAV: DA CLIMB TO 4000 DIRECT HWLER AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 034.12 INBOUND. DISTANCE TO THLD FROM 200 HAT: 0.47 NM. WAAS CHANNEL # 99601 REFERENCE PATH ID: W22A CHART MANDATORY 8000 AT SPRER. CHART MANDATORY 9000 AT KASHH. CHART MINIMUM 8000 AT MCOMB LTP HAE: 159.3 M CHART LOC RWY 21L/22R											
SPRER (IAF)	OOOZE (FB)	107.65 / 5.28	8000												
KASHH (IAF)	PUZEL (FB)	276.78 / 6.88	8000												
MCOMB (IAF)	DRBRN (FB)	215.86 / 3.31	7000												
OOOZE	MCOMB (FB)	145.95 / 5.00	8000												
PUZEL	MCOMB (FB)	276.67 / 4.50	8000												
DRBRN	BHOLD (FB)	215.86 / 3.31	6000												
BHOLD	LUPAY (FB)	215.84 / 3.31	5000												
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT MCOMB 3. FAC: <u>215.74</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: MCOMB 8000, DRBRN 7000, BHOLD 6000, LUPAY 5000, OSKER 4000, ROUGE 3000, HULKA 2000 5. DIST TO THLD FROM OM: <u>4.31</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2000</u> GS ALT AT: HULKA 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>2.85</u> TCH: <u>60.3</u> 34:1 IS CLEAR 8. MSA FROM: RW22L 2800															
				MAG VAR: 7W EPOCH YEAR: 2020											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A											
CATEGORY =====>				STANDARD											
	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	837	2400	200	837	2400	200	837	2400	200	837	2400	200			
LNAV/VNAV DA	938	2400	301	938	2400	301	938	2400	301	938	2400	301			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 645 TDZE: 637		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
DETROIT, MI		AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY				RNAV (GPS) PRM RWY 22L, ORIG (CLOSE PARALLEL) 11/10/2016				AMDT: NONE					
										DATED					

QUALITY
25
CHECKED

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

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LINE 4, (CONT.):
 ROUGE 3000, HULKA 2000

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LUPAY	OSKER (FB)	215.81 / 3.31	4000
OSKER	ROUGE (FB)	215.79 / 3.31	3000
ROUGE (IF)	HULKA (FB)	215.77 / 3.33	2000
HULKA (FAF)	RW22L (MAP) (FO)	215.74 / 4.31	
RW22L (MAP)	837 MSL	215.74	
837 MSL	HWLER (FO)		4000

NOTES, (CONT.):

CHART SPEED ICON IN PLANVIEW AT SPRER : MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT KASHH : MAX 210 KIAS.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP.

CHART PLANVIEW NOTE: RADAR REQUIRED

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CITY AND STATE

DETROIT, MI

ELEVATION: 645

TDZE: 637

AIRPORT NAME:

DETROIT METROPOLITAN WAYNE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

**RNAV (GPS) PRM RWY 22L, ORIG
(CLOSE PARALLEL)**

11/10/2016

SUP:

AMDT: **NONE**

DATED:

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW22L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	421352.3650N
LTP/FTP LONGITUDE	0832059.9660W
LTP/FTP ELLIPSOIDAL HEIGHT	+01593
FPAP LATITUDE	421208.3675N
FPAP LONGITUDE	0832216.5655W
THRESHOLD CROSSING HEIGHT (TCH)	00060.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	02.85
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

7E93E8E9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01938
FPAP ORTHOMETRIC HEIGHT	+01938

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