

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) 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 ID MWC	PROCEDURE NAME RNAV (GPS) RWY 22R	ORIGINAL/AMENDMENT ORIG-G	CITY MILWAUKEE	STATE WI
AIRPORT ELEVATION 745	TDZE 738	SUPERSEDED RNAV (GPS) RWY 22R	DATED 11/04/2021	MAG VAR 2W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1990
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HAWKN		OLIGY		TF	FO	1.00	096.91	17.70	2700
WOKNO		FITSA		TF	FB	1.00	203.53	7.20	2700
PROOT		WEGOM		TF	FB	1.00	356.40	6.44	2700
FITSA	IAF	OLIGY	NOPT	TF	FB	1.00	193.68	5.98	2700
WEGOM	IAF	OLIGY	NOPT	TF	FB	1.00	288.29	7.00	2700
OLIGY	IF/IAF	ZOBIR		TF	FB	1.00	218.29	6.47	2500
ZOBIR	FAF	WIKPI/1.70 NM TO RW22R		TF	FB	0.30	218.23	3.72	
WIKPI/1.70 NM TO RW22R		RW22R	MAP	TF	FO	0.30	218.23	1.70	
RW22R	MAP	1145 MSL		CA			218.23		
1145 MSL		HAWKN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW22R
LNAV: RW22R

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT HAWKN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|--------------------------|--|----------------|------------------|----------|------------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD NE OLIGY, RT, 218.29 INBOUND, 2700 IN LIEU OF PT (IAF), MAX 6000. | | | | |
| 3. FAC: | 218.23 | FAF: ZOBIR | DIST FAF TO MAP: | 5.42 | DIST FAF TO THLD: 5.42 |
| 4. MIN ALT: | OLIGY 2700, ZOBIR 2500, WIKPI/1.70 NM TO RW22R 1300 | | | | |
| 5. DIST TO THLD FROM OM: | | MM: | IM: | 150 HAT: | GS ANT: |
| 6. MIN GP INCPT: | GP ALT AT FAF: | | | OM: | MM: |
| 7. GP ANGLE: | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: | | IM: |
| 8. MSA FROM: | RW22R 2900 | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 22R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA TO RWYS 4R, 15R, 22L AND 33L.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING RWY 4L, 33R NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HAWKN ON V217 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 184.55 INBOUND.
CHART FAS OBST: 910 TOWER (55-098363) 430747N/0880025W, 878 TOWER (55-111736) 430737N/0880121W.
CHART VDP AT 0.89 NM TO RW22R.
WAAS CHANNEL # 69524
REFERENCE PATH ID: W22A
ZOBIR TO RW22R: 3.00/36.
LTP HAE: 190 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LP MDA	1160	1	422	1160	1	422	1160	1 1/4	422	1160	1 1/4	422				
LNAV MDA	1160	1	422	1160	1	422	1160	1 1/4	422	1160	1 1/4	422				
CIRCLING	1220	1	475	1340	1	595	1360	1 3/4	615	1560	2 3/4	815				

CHANGES - REASONS

1. TDZE UPDATED FROM 739 TO 738 - UPDATED AIRPORT DATA.
2. PBN REQUIREMENTS NOTE: UPDATED FROM RNP APCH TO RNP APCH-GPS - IAW 8260.19K 8-6-8 D-5-1.
3. NOTES: MOVED WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE, GENERAL MITCHELL INTL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND VISIBILITY CATS C AND D 1/4 SM UPDATED TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE MKE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. INCREASE LP AND LNAV VISIBILITY CAT C/D 1/8 SM TO BACK OF FORMS - FPT REQUEST.
4. NOTES: MOVED VDP NA WHEN USING MKE ALTIMETER SETTING TO BACK OF FORMS - FPT REQUEST.
5. NOTES: ADDED: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19K 8-6-10 M (2).
6. NOTES: ADDED: CHART NOTE: CIRCLING RWY 4L, 33R NA AT NIGHT - NEW 20:1 OBSTACLES FOUND IN CIRCLING AREAS AND IAW 8260.19K 8-6-12 O (2)(D).
7. ADDITIONAL FLIGHT DATA: FAS OBSTACLE UPDATED FROM 879 TREE 430755N/0880047W TO 910 TOWER (55-098363) 430747N/0880025W, 878 TOWER (55-111736) 430737N/0880121W - NEW FAS OBSTACLES FOUND IN BOTH LP AND LNAV FINAL, DOCUMENTED IAW 8260.19K 8-6-11(C).
8. ADDITIONAL FLIGHT DATA: ADDED: CHART VDP AT 0.89 NM TO RW22R - VDP PREVIOUSLY NOT ESTABLISHED DUE TO 20:1 PENETRATIONS, 220:1S NO LONGER OBSERVED IN EVALUATION, DOCUMENTED IAW 8260.19K 8-6-11 M(2)
9. ADDITIONAL FLIGHT DATA: LTP HAE: UPDATED FROM 190.1 M TO 190 M - IAW 8260.19K APPENDIX K 4L.
10. MINIMUMS: LP HAT UPDATED FROM 421 TO 422 ALL CATS - TDZE UPDATED FROM 739 TO 738.
11. MINIMUMS: LNAV HAT UPDATED FROM 421 TO 422 ALL CATS - TDZE UPDATED FROM 739 TO 738.
12. CRC REMAINDER UPDATED FROM: 45201CBB TO 7E201AD4 - LTP/FTP LATITUDE UPDATED FROM 430651.0870N TO 430651.0930N, LTP/FTP ELLIPSOIDAL HEIGHT UPDATED FROM +01901 TO +01900, LTP ORTHOMETRIC HEIGHT UPDATED FROM +02250 TO +02251, FPAP ORTHOMETRIC HEIGHT UPDATED FROM +02250 TO +02251. FPAP LAT/LONG UPDATED FROM 430539.1500N/0880303.5400W TO 430539.1565N/0880303.5430W.



AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

ORIGINAL/AMENDMENT
ORIG-G

CITY
MILWAUKEE

STATE
WI

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZAU ARTCC, MKE APP, KMWC ATCT, AMGR

FLIGHT CHECKED BY

MICHAEL W PENDERGRASS

Digitally signed by

RAKE MCGRAW

Mar 27, 2026

OFFICE

AJF

DATE

03/25/2026

Digitally signed by

RAKE MCGRAW

Mar 27, 2026

OFFICE

AJV-A422

DATE

11/06/2025

Digitally signed by

RAKE MCGRAW

Mar 27, 2026

OFFICE

AJV-A422

DATE

TITLE

MANAGER

APPROVED BY

RAKE MCGRAW

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KMWC
RW22R
0
0
W22A
430651.0930N
0880151.7480W
+01900
430539.1565N
0880303.5430W
00036.0
F
03.00
106.75
1776
40.0
00.0

CRC REMAINDER

7E201AD4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02251
+02251



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> MWC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22R	<u>AMDT NO.</u> ORIG-G	<u>CITY</u> MILWAUKEE	<u>STATE</u> WI	<u>AIRPORT ELEVATION</u> 745	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM HAWKN	TO OLIGY
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<u>RNP</u> 1.00	<u>DISTANCE</u> 17.70	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-000273)	431956.00N/0881535.00W	1492	500	50	5D	1000					2500
TERRAIN	431957.00N/0881539.00W	1200 (1200)								AS1500	2700

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER

FROM WOKNO	TO FITSA
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<u>RNP</u> 1.00	<u>DISTANCE</u> 7.20	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (55-000193)	432306.00N/0875209.00W	1098	500	50	5D	1000				AT602	2700
TERRAIN	432545.00N/0875139.00W	744 (700)								AS1500	2200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

AMDT NO.
ORIG-G

CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

FEEDER

FROM PROOT **TO** WEGOM

RNP 1.00 **DISTANCE** 6.44 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	430804.77N/0874211.89W	788	1000	20	6C	1000				AT912	2700
TERRAIN	431116.99N/0874237.64W	580 (600)								AS1500	2100

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL

FROM FITSA **TO** OLIGY

RNP 1.00 **DISTANCE** 5.98 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (55-000193)	432306.00N/0875209.00W	1098	500	50	5D	1000				AT602	2700
TERRAIN	431933.00N/0875339.00W	738 (700)								AS1500	2200

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

AMDT NO.
ORIG-G

CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

INITIAL

FROM
WEGOM

TO
OLIGY

RNP
1.00

DISTANCE
7.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	431748.00N/0875409.00W	929	215	8	4B	1000				AT771	2700
TERRAIN	431528.02N/0874739.28W	580 (600)								AS1500	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
OLIGY (IF/IAF)

TO
ZOBIR

RNP
1.00

DISTANCE
6.47

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	431154.00N/0875636.00W	939	215	8	4B	500				AT1061	2500
TERRAIN	431239.00N/0875651.00W	738 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

AMDT NO.
ORIG-G

CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

FINAL: LP

FROM
ZOBIR

TO
WIKPI/1.70 NM TO RW22R

RNP
0.30

DISTANCE
3.72

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-001283)	430918.00N/0875856.88W	970	250	50	4D	250				RA29 AC50	1300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP STEPDOWN

FROM
WIKPI/1.70 NM TO RW22R

TO
RW22R

RNP
0.30

DISTANCE
1.70

PAT

MAP
RW22R

HAT
422

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-111736)	430736.95N/0880121.29W	878	20	3	1A	250				XP32	1160

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP=MATCH CURRENT MINS



AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

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ORIG-G

CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

FINAL: LNAV

FROM
ZOBIR

TO
WIKPI/1.70 NM TO RW22R

RNP
0.30

DISTANCE
3.72

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-001283)	430918.00N/0875856.88W	970	250	50	4D	250				AC50 RA29	1300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
WIKPI/1.70 NM TO RW22R

TO
RW22R

RNP
0.30

DISTANCE
1.70

PAT

MAP
RW22R

HAT
422

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-098363)	430747.08N/0880024.83W	910	20	3	1A	250					1160

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

AMDT NO.
ORIG-G

CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

HOLD-IN-LIEU OF PT

FROM
OLIGY **TO**
P-5

RNP DISTANCE PAT MAP HAT HMAS
P-5

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
STACK (55-000193)	432306.00N/0875209.00W	1098	500	50	5D	1000				AT602	2700
TERRAIN	431836.00N/0875842.00W	846 (800)								AS1500	2300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM
RW22R **TO**
HAWKN

RNP DISTANCE PAT MAP HAT HMAS
0.30 1060

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (55-000273)	431956.00N/0881535.00W	1492	500	50	5D	1000					2500
TERRAIN	431603.00N/0881821.00W	1266 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
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CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

MISSED APPROACH: LNAV

FROM
RW22R **TO**
HAWKN

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1060

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (55-000273)	431956.00N/0881535.00W	1492	500	50	5D	1000					2500
TERRAIN	431603.00N/0881821.00W	1266 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	430733.00N/0880342.00W	1.30	475	904	215	8	4B	300			1220
CATEGORY B											
TOWER (55-000212)	430500.33N/0880121.30W	1.83	595	978	20	3	1A	300		XP62	1340
CATEGORY C											
BUILDING (55-000631)	430403.00N/0880256.00W	2.88	615	1009	500	50	5D	300		AC50	1360
CATEGORY D											
TOWER (55-000658)	430706.00N/0880712.00W	3.76	815	1192	250	50	4D	300		AC50	1560

CIRCLING REMARKS:

XP=MATCH CURRENT MINS

MSA

CENTER **RADIUS**
RW22R 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (55-001227)	430642.00N/0875550.00W	094	4.4	1848	250	50	4D	1000			2900

QUALITY
39
CHECKED

MSA REMARKS:

AIRPORT ID
MWC

PROCEDURE NAME
RNAV (GPS) RWY 22R

AMDT NO.
ORIG-G

CITY
MILWAUKEE

STATE
WI

AIRPORT ELEVATION
745

FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MKE APP CON, MWC TOWER, ZAU ARTCC

WX SERVICE

AWOS-3

LOCATION

MWC

HRS OPERATION

24

ALTIMETER SOURCE

MWC

DISTANCE

WMSCR

Y

ADJUSTMENTS

0

BACK-UP WX SERVICE

ASOS

LOCATION

MKE

HRS OPERATION

24

ALTIMETER SOURCE

MKE

DISTANCE

11.51

WMSCR

Y

ADJUSTMENTS

29

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KMWC 745, KMKE 728
RA = 28.8.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW15R		
RW04R		
RW33L		
RW22L		
RW04L - MIRL (PCL), REIL (PCL), VASI-4L (PCL)	NPI-G	
RW15L - MIRL (PCL), REIL (PCL), PAPI-4R (PCL)	NPI-G	
RW22R - REIL (PCL), MIRL (PCL), VASI-4L (PCL)	NPI-G	
RW33R - REIL (PCL), MIRL (PCL), PAPI-4L (PCL)	NPI-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

4.00

44.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

QUALITY
39
CHECKED

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 04L
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20:1						
808 TREE (55-111116) 430612.3400N/0880224.6300W (10.58)			803 TREE (55-111450) 430613.6600N/0880228.7600W (1.94)			
791 TREE (55-111772) 430615.3500N/0880227.1800W (0.3)						
FINAL TYPE	CIRCLING RWY 33R					
20:1						
801 POLE (55-025617) 430616.1600N/0880136.2900W (12.66)			819 TREE (55-111101) 430609.6200N/0880140.5000W (12.18)			
810 TREE (55-111563) 430611.6600N/0880140.5000W (11.7)			807 TREE (55-111274) 430614.6400N/0880135.2400W (10.11)			
816 TREE (55-111644) 430613.3800N/0880133.0600W (9.28)			784 TREE (55-111415) 430616.8500N/0880141.2100W (8.86)			
780 TREE (55-111827) 430617.1100N/0880142.5100W (8.67)			799 TREE (55-111335) 430613.5900N/0880140.4300W (8.61)			
805 TREE (55-112243) 430614.9900N/0880134.4000W (7.81)			781 TREE (55-111322) 430616.8200N/0880140.9300W (5.15)			
780 TREE (55-111298) 430616.9900N/0880140.8300W (4.65)			799 TREE (55-111541) 430614.7400N/0880135.8200W (3.75)			
802 TREE (55-111126) 430611.4900N/0880140.8300W (3.68)			801 TREE (55-111345) 430614.6300N/0880134.9000W (3.36)			
802 TREE (55-111425) 430611.2000N/0880140.5400W (1.86)			825 TREE (55-028983) 430610.9900N/0880129.9600W (1.8)			
772 TREE (55-112242) 430617.1300N/0880142.8200W (1.41)			793 TREE (55-112181) 430613.0300N/0880140.4700W (0.36)			
795 TREE (55-111359) 430614.6200N/0880136.2900W (0.23)			797 TREE (55-111155) 430611.8600N/0880140.8300W (0.23)			
782 TREE (55-111790) 430615.2200N/0880141.2800W (0.2)						
FINAL TYPE	LP AND LNAV					
20:1						
THE FOLLOWING PENETRATIONS ARE EXCLUDED IAW 8260.3D PARA 3-3-2.C.(4)NOTE.						
744 SIGN (55-025612) 430654.00N/0880150.96W (3.57)						
FINAL TYPE	LP AND LNAV					
34:1						
794 TREE (55-028887) 430703.4200N/0880141.6800W (18.89)			778 TREE (55-028972) 430701.5600N/0880146.6300W (13.74)			
780 TREE (55-028822) 430701.8900N/0880142.8700W (10.1)			794 TREE (55-078992) 430707.1200N/0880141.5600W (9.85)			
789 TREE (55-035019) 430702.3000N/0880136.2400W (9.58)			785 TREE (55-028886) 430703.3300N/0880140.2800W (8.31)			
779 TREE (55-028793) 430701.3100N/0880140.6500W (7.64)			778 TREE (55-028889) 430703.9800N/0880145.0800W (5.93)			
755 SIGN (55-025613) 430656.6300N/0880149.1700W (5.86)			755 VEHICLE ON ROADWAY (55-079055) 430656.6300N/0880149.1700W (5.86)			
770 POLE (55-025603) 430658.2100N/0880140.1000W (5.38)			796 TREE (55-028949) 430709.5700N/0880141.0300W (5.28)			
772 POLE (55-025604) 430659.2000N/0880140.0000W (4.87)			779 TREE (55-028792) 430701.9500N/0880139.6100W (4.76)			
779 TREE (55-028890) 430704.7400N/0880143.7400W (3.37)			817 TREE (55-028806) 430712.5700N/0880128.1600W (2.49)			
791 TREE (55-028880) 430705.6100N/0880135.2000W (2.28)			751 TRAVERSE_WAY (55-028982) 430654.3900N/0880145.1500W (2.07)			
808 TREE (55-028796) 430708.1300N/0880126.2800W (1.74)			751 VEHICLE ON ROADWAY (55-028981) 430655.1400N/0880146.0900W (1.47)			
768 POLE (55-025605) 430700.0900N/0880141.8300W (1.09)						
PENETRATIONS REMARKS:						

QUALITY
39
CHECKED

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT 100' FT PER FPT.

SHIP MAST HEIGHT 208' PER FPT.

VDP NA WHEN USING MKE ALTIMETER SETTING.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MKE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. INCREASE LP AND LNAV VISIBILITY CAT C/D 1/8 SM.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.09
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	216.23
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	800
DISTANCE FROM	THLD	TO 1500FT POINT	5.02
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	216.23
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD COORDINATES (IF STR-IN) 430651.09N/0880151.75W
ARP COORDINATES 430637.37N/0880203.91W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 15L DISTANCE 0.38 NM
FAF COORDINATES 431113.58N/0875729.32W
FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME
RALPH P. MILLER

OFFICE
AJV-A422

DATE
11/06/2025

TITLE
AERONAUTICAL INFORMATION SPECIALIST

