

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.

<u>AIRPORT</u> GENERAL MITCHELL INTL	<u>AIRPORT ID</u> KMKE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25R	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> MILWAUKEE	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 729	<u>TDZE</u> 675	<u>SUPERSEDED</u> RNAV (GPS) RWY 25R	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
UHEFY	IAF	FETIX		TF	FB	1.00	345.83	7.73	2900
PROOT	IAF	FETIX		TF	FB	1.00	173.55	7.64	2900
FETIX	IF	JEPSA		TF	FB	1.00	255.79	5.07	2300
JEPSA	FAF	RW25R	MAP	TF	FO	0.30	255.73	4.97	
RW25R	MAP	1080 MSL		CA			255.73		
1080 MSL		CIKEM		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LP: RW25R
 LNAV: RW25R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT CIKEM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT FETIX
3. FAC: 255.73

FAF: JEPSA

DIST FAF TO MAP: 4.97

DIST FAF TO THLD: 4.97
4. MIN ALT: FETIX 2900, JEPSA 2300
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

HAT:
6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:
7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:
8. MSA FROM: RW25R 2900

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 25R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PROOT ON V2 WESTBOUND AND V7 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
JEPSA TO RW25R: 3.00/42.
CHART VDP AT 1.14 NM TO RW25R
WAAS CHANNEL #77543
REFERENCE PATH ID: W25B
CHART FAS OBST: 814 TOWER 425807N/0875125W,
891 STACK 425721N/0875146W.
HOLD W, RT, 075.44 INBOUND
LTP HAE: 170.5 M

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
LP MDA	1080	1	405	1080	1	405	1080	1 1/8	405	1080	1 1/8	405			
LNAV MDA	1160	1	485	1160	1	485	1160	1 3/8	485	1160	1 3/8	485			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1360	2	631			



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
GENERAL MITCHELL INTL	KMKE	RNAV (GPS) RWY 25R	1	MILWAUKEE	WI

CHANGES - REASONS

1. INCORPORATED CHARTED CHANGES FROM PNOTAM ACTIONS FROM FDC 5/4931 - IAW 8260.19H PARA 8-3-4.C.(3).
2. UPDATED HELICOPTER VISIBILITY NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 25R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19H PARA 8-6-11.K.(3).
3. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19H PARA 8-6-10.T. & UPDATE TO NEW CIRCLING CRITERIA.
4. RAISED CIRCLING CAT D MDA/HAA FROM 1280/557 TO 1360/631 - IAW 8260.19H PARA 8-6-10.T. & UPDATE TO NEW CIRCLING CRITERIA.
5. UPDATED MAGVAR FROM 2 WEST TO 4 WEST. ALL COURSES UPDATED BY 2 DEGREES - AIRPORT MAGVAR OUT OF TOLERANCE.
6. DELETED "FINAL SEGMENT (TF) FROM ADDITIONAL FLIGHT DATA - NOTE NOT REQUIRED.
7. ADDED RNP VALUES TO TERMINAL ROUTES - IAW 8260.19H PARA 8-6-4.A.(6).
8. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PROOT ON V2 WESTBOUND AND V7 NORTHBOUND" - AIRWAY EXCEEDS 90 DEGREE TURN REQUIREMENT. IAW 8260.54A PARA 2.7 AND 8260.19H 8-2-5.E.
9. UPDATED HOLDING FROM "CLIMB TO 2900 DERECT CIKEM WP AND HOLD" TO "CLIMB TO 2900 DIRECT CIKEM AND HOLD" - SPELLING ERROR AND "FOR RNAV PROCEDURES DESCRIBE A FIX BY NAME ONLY" IAW 8260.19H 8-2-6.D.
10. LOWERED THE CA ALTITUDE FROM 1123 TO 1080- ADDED NEW LINE OF MINIMA WITH LOWER MDA.
11. ADDED JEPSA (FAF) TO RW25R (MAP) (TF) (FO) (RNP 0.30) TO TERMINAL ROUTES - IAW 8260.19H PARA 8-6-4. ...DOCUMENT ALL SEGMENTS OF THE PROCEDURE, INCLUDING THE FINAL AND MISSED APPROACH SEGMENTS.
12. CHANGED "FAS OBST: 891 STACK 425721/875146" TO "CHART FAS OBST: 891 STACK 425721N/0875146W, 814 TOWER 425807N/0875125W." IN ADDITIONAL FLIGHT DATA - ADDED LP LINE OF MINIMA. IAW 8260.19H PARA 8-6-10.C.
13. ADDED DIST FAF TO MAP 4.97 - IAW 8260.19H PARA 8-6-7.C.(3).
14. ADDED "RNP APCH" TO PBN EQUIPMENT REQUIREMENTS NOTES AND DELETED "DME/DME RNP-0.3 NA" FROM NOTES - IAW 8260.19H PARA 8-6-8.B.(1) AND IMPLEMENTATION OF FAA ORDER 8260.19H FLIGHT PROCEDURES AND AIRSPACE MEMO, DATED 9/12/2017 PARA. F.
- 15.ADDED "20:1 IS CLEAR" TO LINE 7 - IAW 8260.19H PARA 8-6-7.G.(3).
16. DELETED PETTY INT TO CEVSA WP FEEDER - ATC REQUEST/FPT CHECKLIST.
17. CHANGED FIX NAME OF CEVSA TO UHEFY - MOVED FIX GREATER THAN 1NM. IAW JO 7400.2L 3-3-4.F.
18. UPDATED UHEFY TO FETIX COURSE/DISTANCE FROM 343.62/5.00 TO 345.83/7.73 - MOVED UHEFY SOUTH 2.73NM TO MEET TURN REQUIREMENTS AND UPDATED MAGVAR.
19. UPDATED FETIX TO JEPSA COURSE/DISTANCE FROM 253.80/5.04 TO 255.79/5.07 - JESPA MOVED FIX WSW 167FT TO ALIGN THE PROCEDURE VDA/TCH WITH THE VGSI AND UPDATED MAGVAR.
20. UPDATED FINAL APPROACH COURSE FROM 253.72 TO 255.73 - MOVED FAF TO ALIGN THE PROCEDURE VDA/TCH WITH THE VGSI AND UPDATED MAGVAR.
21. UPDATED VDP NOTE FROM "CHART VDP AT 1.39 NM TO RW25R" TO "CHART VDP AT 1.14 NM TO RW25R" IN ADDITIONAL FLIGHT DATA - MOVED FAF TO ALIGN THE PROCEDURE VDA/TCH WITH THE VGSI.
22. UPDATED VDA/TCH NOTE FROM "JEPSA TO RW25R: 2.98/45" TO "JEPSA TO RW25R: 3.00/42" - ALIGNED THE PROCEDURE VDA/TCH WITH THE VGSI.
23. UPDATED DIST FROM THLD FROM 5.00 TO 4.97 - MOVED FAF.
24. ADDED LP LINE OF MINIMA - ATC REQUEST/FPT CHECK LIST; COULD NOT ADD LPV, LNAV/VNAV MINIMA DUE TO VGS PENETRATIONS.
25. RAISED LNAV CAT C VIS FROM 1 1/4 TO 1 3/8 AND CAT D VIS FROM 1 1/2 TO 1 3/8 - IAW 8260.3C TABLE 3-3-1.
26. ADDED "WAAS CHANNEL # 77543"AND "LTP HAE: 170.5 M" TO ADDITIONAL FLIGHT DATA - ADDED LP LINE OF MINIMA.
27. ADDED "REFERENCE PATH ID: W25B" TO ADDITIONAL FLIGHT DATA - ADDED LP LINE OF MINIMA, REFERENCE PATH ID: W25A USED ON ANOTHER PROCEDURE.
28. ADDED FAS DATA BLOCK - ADDED LP LINE OF MINIMA.



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAU, MKE APP CON, MKE ATCT

FLIGHT CHECKED BY

SCOTT WIEBE

DEVELOPED BY

DONALD H. LANIER (JACOB MAXFIELD)

APPROVED BY

PATRICK MULQUEEN

Digitally signed by

DONALD H LANIER

Jun 25, 2018

Digitally signed by

DONALD H LANIER

Jun 25, 2018

Digitally signed by

DONALD H LANIER

Jun 25, 2018

OFFICE

FICO

OFFICE

AJV-5433

OFFICE

AJV-5430

DATE

05/15/2018

DATE

03/07/2018

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW25R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25B
LTP/FTP LATITUDE	425724.8100N
LTP/FTP LONGITUDE	0875317.8730W
LTP/FTP ELLIPSOIDAL HEIGHT	+01705
FPAP LATITUDE	425656.7450N
FPAP LONGITUDE	0875513.0285W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	DBC6D694
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02056
FPAP ORTHOMETRIC HEIGHT	+02056

