

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 1R	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> MILWAUKEE	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 729	<u>TDZE</u> 678	<u>SUPERSEDED</u> RNAV (GPS) RWY 1R	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/01/2018	<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> 9/13/2018	<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>
BAE VOR/DME		HARIR		TF	FO	2.00	148.45	27.05	2700
WIPED	IAF	HARIR	NOPT	TF	FB	1.00	088.32	9.44	2700
HARIR	IF/IAF	FEKAR		TF	FB	1.00	012.58	6.56	2300
FEKAR	FAF	RW01R	MAP	TF	FO	0.30	011.16	4.95	
RW01R	MAP	928 MSL		CA			011.16		
928 MSL		CUSIT		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW01R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT CUSIT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S HARIR, RT, 012.58 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 5000.

3. FAC: 011.16FAF: FEKARDIST FAF TO MAP:DIST FAF TO THLD: 4.95

4. MIN ALT: HARIR 2700, FEKAR 2300

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.85GS ANT:

6. MIN GP INCPT: 2300GP ALT AT FAF : FEKAR 2300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW01R 2900

PBN REQUIREMENTS NOTES:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VOR/DME AIRWAY RADIALS 085 CW 226.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIPED ON V191 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.31 NM TO RW01R*
*LNAV ONLY
WAAS CHANNEL #97442
REFERENCE PATH ID: W01B
FAS OBST: 889 AAO 425236N/0875500W.
929 AAO 425124N/0875515W.
HOLD N, RT, 191.20 INBOUND
LTP HAE: 171.5 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
LPV DA	928	1	250	928	1	250	928	1	250	928	1	250			
LNAV/VNAV DA	1078	1 1/8	400	1078	1 1/8	400	1078	1 1/8	400	1078	1 1/8	400			
LNAV MDA	1140	1	462	1140	1	462	1140	1 3/8	462	1140	1 3/8	462			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1360	2	631			



CHANGES - REASONS

- 1. FEEDER SEGMENT FROM PETTY TO HARIR AND ASSOCIATED NOTE REMOVED - ATC REQUEST.
- 2. DISTANCE HARIR TO FEKAR CHANGED FROM 6.5 TO 6.56NM - FEKAR RELOCATED .05NM.
- 3. ADDED LPV AND LNAV/VNAV MINIMUMS AND ASSOCIATED NOTES - ATC REQUEST.
- 4. RAISED LNAV CATS A - C MDA/HAT AND FROM 1120/442 TO 1140/462 - NEW CONTROLLING OBSTACLE .
- 5. RAISED CIRCLING CAT D MDA/HAA AND FROM 1280/551 TO 1360/631 - NEW CONTROLLING OBSTACLE, ADDED CIRCLING ICON - NEW EVALUATION.
- 6. ADDED "LNAV ONLY*" TO VDP NOTE - ADDED LPV AND LNAV/VNAV MINIMUMS.
- 7. CHANGED NOTE FROM: "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR" - 34:1 IS CLEAR, ADDED 20:1 IS CLEAR.
- 8. CHANGED FROM NOTE "DME/DME RNP-0,3 NA" TO PBN EQUIPMENT REQUIREMENTS NOTE "RNP APCH. - CODING REQUIREMENT.
- 9. ADDED MAX 5000 AT HOLDING AT HARIR - HOLDING RESTRICTION CRITERIA REQUIREMENT.
- 10. CHANGED FROM 2.97 VDA TO 3.00 GP - NEW EVALUATION.

6/22/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/24/2018:
CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 9/13/2018.



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<u>COORDINATED WITH:</u>					
A4A <input checked="" type="checkbox"/> ALPA <input checked="" type="checkbox"/> AOPA <input checked="" type="checkbox"/> APA <input checked="" type="checkbox"/> HAI <input type="checkbox"/> NBAA <input checked="" type="checkbox"/> OTHER: ZAU, MKE APP CON, AIRPORT MANAGER, MKE ATCT.					
<u>FLIGHT CHECKED BY</u> PENDING		Digitally signed by DAVID TEFFETELLER Jun 22, 2018	<u>OFFICE</u> AJV-5433	<u>DATE</u> 04/24/2018	
<u>DEVELOPED BY</u> HOWARD L. HAWKINS, JR.		Digitally signed by HOWARD L HAWKINS Jun 04, 2018	<u>OFFICE</u> AJV-5430	<u>DATE</u>	<u>TITLE</u> MANAGER
<u>APPROVED BY</u> PATRICK MULQUEEN		Digitally signed by DAVID TEFFETELLER Jun 22, 2018	<u>OFFICE</u>	<u>DATE</u>	



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW01R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01B
LTP/FTP LATITUDE	425621.7665N
LTP/FTP LONGITUDE	0875332.5020W
LTP/FTP ELLIPSOIDAL HEIGHT	+01715
FPAP LATITUDE	425750.1925N
FPAP LONGITUDE	0875317.3645W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1480
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7BFDEFE1
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02065
FPAP ORTHOMETRIC HEIGHT	+02065

