

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> CHIPPEWA VALLEY RGNL	<u>AIRPORT ID</u> KEAU	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> EAU CLAIRE	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 913	<u>TDZE</u> 913	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
EAU VORTAC		IROKE		TF	FO	2.00	050.04	11.37	3500
DRDAN	IAF	IROKE	NOPT	TF	FB	1.00	134.06	6.50	3500
MENRD	IAF	IROKE	NOPT	TF	FB	1.00	314.22	6.50	3500
IROKE	IF/IAF	HILPO		TF	FB	1.00	224.14	5.95	2900
HILPO	FAF	CAVUX/1.90 NM TO RW22		TF	FB	0.30	224.05	4.18	
CAVUX/1.90 NM TO RW22		RW22	MAP	TF	FO	0.30	224.05	1.90	
RW22	MAP	1320 MSL		CA			224.05		1320
1320 MSL		IROKE		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1320 THEN CLIMBING RIGHT TURN TO 3500 DIRECT IROKE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD NE IROKE, RT, 224.13 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.				
3. FAC:	224.05	FAF: HILPO	DIST FAF TO MAP: 6.08	DIST FAF TO THLD: 6.08	
4. MIN ALT:	IROKE 3000, HILPO 2900, CAVUX/1.90 NM TO RW22 1560*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.47	GS ANT:
6. MIN GP INCPT: 2900	GP ALT AT FAF : HILPO 2900			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 50.1		
8. MSA FROM:	RW22 4100				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING RICE LAKE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON EAU VORTAC AIRWAY RADIALS 322 CW 130.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICE LAKE ALTIMETER SETTING AND INCREASE LPV DA TO 1223, LNAV/VNAV DA TO 1285, AND INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 SM; INCREASE ALL MDA 120 FEET AND LNAV CATS C/D VISIBILITY 3/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 7/8 SM AND LNAV CATS C/D VISIBILITY TO 1 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING RICE LAKE ALTIMETER SETTING INCREASE LPV VISIBILITY ALL CATS TO 1 SM AND LNAV CATS C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.93 NM TO RW22*
*LNAV ONLY
WAAS CHANNEL #87006
REFERENCE PATH ID: W22A
CHART FAS OBST: 994 TREE 445242N/0912848W.
LTP HAE: 247.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1300-3, 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
LPV DA	1113	1/2	200	1113	1/2	200	1113	1/2	200	1113	1/2	200			
LNAV/VNAV DA	1175	1/2	262	1175	1/2	262	1175	1/2	262	1175	1/2	262			
LNAV MDA	1260	1/2	347	1260	1/2	347	1260	5/8	347	1260	5/8	347			
CIRCLING	1480	1	567	1540	1	627	1660	2 1/4	747	2200	3	1287			



CHANGES - REASONS

- 1. ADDED INITIAL SEGMENTS FROM FIXES DRDAN & MENRD. - PER AIR TRAFFIC/IFP REQUEST
- 2. CHANGED FEEDER AND MISSED ALTITUDE FROM 3000FT TO 3500FT. - PER AIR TRAFFIC/IFP REQUEST

8/16/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/07/2018.

- 1. CHANGED MISSED APPROACH ALTITUDE IN TERMINAL ROUTES FROM 3000 TO 3500 TO MATCH MISSED APPROACH DIRECTIONS.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR, EAU ATCT, ATA

FLIGHT CHECKED BY

SCOTT WIEBE
Digitally signed by
DAVID DANNER

OFFICE

FICO

DATE

10/31/18

DEVELOPED BY

LONNIE EVERHART (ANA VEGA)
Nov 08, 2018
Digitally signed by
DAVID DANNER

OFFICE

AJV-5400

DATE

06/07/2018

APPROVED BY

LONNIE EVERHART
Digitally signed by
DAVID DANNER
Nov 08, 2018

OFFICE

AJV-5400

DATE

TITLE



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEAU
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	445230.0140N
LTP/FTP LONGITUDE	0912814.2840W
LTP/FTP ELLIPSOIDAL HEIGHT	+02474
FPAP LATITUDE	445126.9870N
FPAP LONGITUDE	0912942.8280W
THRESHOLD CROSSING HEIGHT (TCH)	00050.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	41CB8BAD
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02783
FPAP ORTHOMETRIC HEIGHT	+02783

