

**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> CLINTON MUNI	<u>AIRPORT ID</u> KCWI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> CLINTON	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 708	<u>TDZE</u> 697	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
NOWSO	IAF	BELRE	NOPT	TF	FB	1.00	054.47	11.65	2500
ENAME	IAF	BELRE	NOPT	TF	FB	1.00	234.73	9.61	2500
BELRE	IF/IAF	ADIKE		TF	FB	1.00	324.61	8.36	2500
ADIKE	FAF	RW32	MAP	TF	FO	0.30	324.54	5.56	
RW32	MAP	947 MSL		CA			324.54		
947 MSL		ORARE		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT ORARE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE BELRE, RT, 324.61 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 324.54 FAF: ADIKE DIST FAF TO MAP: 5.56 DIST FAF TO THLD: 5.56

4. MIN ALT: BELRE 2500, ADIKE 2500

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.68 GS ANT: MM: IM:

6. MIN GP INCPT: 2500 GP ALT AT FAF : ADIKE 2500 OM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0

8. MSA FROM: RW32 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ENAME ON V6 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NOWSO ON V129 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.41 NM TO RW32*
* LNAV ONLY
CHART CIRCLING ICON
WAAS CHANNEL #77629
REFERENCE PATH ID: W32A
CHART FAS OBST: 911 STACK 414829N/0901737W.
HOLD NW, RT, 144.37 INBOUND
LTP HAE: 177.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	947	1	250	947	1	250	947	1	250		NA				
LNAV/VNAV DA	1205	1 3/8	508	1205	1 3/8	508	1205	1 3/8	508		NA				
LNAV MDA	1180	1	483	1180	1	483	1180	1 3/8	483		NA				
CIRCLING	1180	1	472	1240	1	532	1240	1 1/2	532		NA				



CHANGES - REASONS

1. INCREASED LNAV/VNAV DA/HAT FROM 982/285 TO 1205/508 AND LNAV/VNAV VISIBILITY ALL CATS FROM 1 TO 1 3/8. - INCORPORATED NOTAM 9/0043
2. INCORPORATED CHANGES FROM AMDT 1A - IAW 8260.19H PARA 8-3-4C (2).
3. CHANGED 34:1 FROM NOT CLEAR TO CLEAR AND ADDED 20:1 IS CLEAR. - PER .19H PARA 8-6-7G (3).
4. REMOVED CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA AT NIGHT. - 20:1 PENETRATIONS NO LONGER EXIST.
5. REMOVED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. - 20:1 AND 34:1 OBSTACLES NO LONGER EXIST.
6. REMOVED DME/DME RNP 0.3 AND ADDED RNP APCH TO PBN REQUIREMENTS NOTE - PER 8260.19H PARA 8-6-8 B.(1).
7. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 54°C (130°F)." TO " FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." - REMOVED FAHRENHEIT PER FAAO 8260.19H PARAGRAPH 8-6-9S.
8. REMOVED BACK-UP ALTIMETER SETTING NOTE, AND BARO-VNAV NA NOTE - MOVED TO -9 AS A CONTINGENCY NOTE.
9. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H 8-6-7B (2).
10. ADDED LINE 5 DISTANCE FROM THLD TO 250 HAT 0.68 NM - IAW 8260.58A FORMULA 3-4-13.
11. ADDED VDP - 20:1 SURFACE IS CLEAR.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, QUAD CITY APP CON, APTMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE**DATE****DEVELOPED BY**

DONALD H. LANIER (KEITH W JONES)

Digitally signed by

DONALD H LANIER

DONALD H LANIER

Mar 12, 2020

OFFICE

AJV-A431

DATE

11/20/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Mar 12, 2020

OFFICE

AJV-A430

DATE

TITLE
MANAGER

Mar 12, 2020



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCWI
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	414925.7360N
LTP/FTP LONGITUDE	0901931.0425W
LTP/FTP ELLIPSOIDAL HEIGHT	+01773
FPAP LATITUDE	415038.3000N
FPAP LONGITUDE	0902040.2800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	09FE9295

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02103
FPAP ORTHOMETRIC HEIGHT	+02103

QUALITY
10
CHECKED