

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CID VOR/DME	MORSE (TF) (FO) (RNP 2.00)	124.12 / 14.26	3000
IOW VOR/DME	HAVLI (TF) (FB) (RNP 2.00)	013.43 / 9.19	3000
HAVLI (IAF)	MORSE (NOPT) (TF) (FB) (RNP 1.00)	013.47 / 5.00	3000
SOLUM (IAF)	MORSE (NOPT) (TF) (FB) (RNP 1.00)	223.83 / 7.73	3000
MORSE (IF/IAF) (SEE FORM 8260-10)	SHEWY (TF) (FB) (RNP 1.00)	314.06 / 6.01	2500

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW31

CLIMB TO 3000 DIRECT PAYLO AND HOLD.

ADDITIONAL FLIGHT DATA:  
HOLD NW, LT, 133.83 INBOUND.  
CHART FAS OBST: 890 BLDG 415257N/0914136W  
CHART FAS OBST: 990 TOWER 415006N/0914000W  
CHART 1049 TREE 414951N/0913724W.  
DISTANCE TO THLD FROM 259 HAT: 0.72 NM.  
CHART VDP AT 1.10 NM TO RW31\*  
\*LNAV ONLY.  
WAAS CHANNEL # 77503  
REFERENCE PATH ID: W31A  
LTP HAE: 226 M

MAG VAR: 2E                      EPOCH YEAR: 1985

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD SE MORSE, LT, 314.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 314.00 FAF: SHEWY DIST FAF TO MAP: 4.98 THLD: 4.98
4. MIN. ALT: MORSE 3000, SHEWY 2500
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: SHEWY OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 43.0 34:1 IS CLEAR
8. MSA FROM: RW31 4000

**MINIMUMS**

TAKEOFF:	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD					
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1120	1/2	259	1120	1/2	259	1120	1/2	259	1120	1/2	259			
LNAV/VNAV DA	1140	1/2	279	1140	1/2	279	1140	1/2	279	1140	3/4	279			
LNAV MDA	1240	1/2	379	1240	1/2	379	1240	1/2	379	1240	1	379			
CIRCLING	1280	1	411	1320	1	451	1320	1 1/2	451	1420	2	551			

NOTES:  
CHART NOTE: BARO-VNAV NA BELOW -16C (4F).  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IOW VOR/DME AIRWAY RADIALS 336 CW 072.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CID VOR/DME AIRWAY RADIALS 082 CW 156 AND ARRIVALS AT SOLUM VIA V294 EASTBOUND.



CITY AND STATE <b>CEDAR RAPIDS, IA</b>	ELEVATION: 869      TDZE: 861 AIRPORT NAME: <b>THE EASTERN IOWA</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 31, AMDT 1B</b> 12 OCTOBER 2017	SUP: AMDT: <b>1A</b> DATED <b>01/13/2011</b>
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**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV - STANDARD**  
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**TERMINAL ROUTES, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
SHEWY (FAF)	RW31 (MAP) (TF) (FO) (RNP 0.30)	314.00 / 4.98	
RW31 (MAP)	1120 MSL (CA)	314.00	
1120 MSL	PAYLO (DF) (FO) (RNP 1.00)		3000



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				AMDT: <b>1A</b>
				DATED: <b>01/13/2011</b>

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCID
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	415244.0125N
LTP/FTP LONGITUDE	0914157.4890W
LTP/FTP ELLIPSOIDAL HEIGHT	+02260
FPAP LATITUDE	415348.0700N
FPAP LONGITUDE	0914320.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00043.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0864
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B83BD237

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02583
FPAP ORTHOMETRIC HEIGHT	+02583



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	AIRPORT NAME: THE EASTERN IOWA				AMDT: 1A
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