

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 ID</u> EGQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>CITY</u> EMMETSBURG	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 1206	<u>TDZE</u> 1206	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>DATED</u> 08/10/2023	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>MAG VAR</u> 4E	<u>CANCEL/SUSPEND</u>
		<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 223/30 CW 043/30	NOPT	HIVEN	IF/IAF	3800
2. 043/30 CW 133/30		EHZET	IAF	3800
3. 133/30 CW 223/30		OGILY	IAF	3800

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>
EHZET	IAF	HIVEN	NOPT	TF	FB	1.00	042.61	5.00	3800
OGILY	IAF	HIVEN	NOPT	TF	FB	1.00	222.73	5.00	3800
HIVEN	IF/IAF	JIBAM		TF	FB	1.00	312.67	6.10	2900
JIBAM	FAF	KOKAW/2.40 NM TO RW31		TF	FB	0.30	312.60	2.72	
KOKAW/2.40 NM TO RW31		RW31	MAP	TF	FO	0.30	312.60	2.40	
RW31	MAP	1606 MSL		CA			312.60		
1606 MSL		ZERGA		DF	FO	1.00			3800

MISSED APPROACH

MAP:

LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3800 DIRECT ZERGA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE HIVEN, RT, 312.67 INBOUND, 3800 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	312.60	FAF:	JIBAM	DIST FAF TO MAP:	5.12	DIST FAF TO THLD:	5.12							
4.	MIN ALT:	HIVEN 3800, JIBAM 2900, KOKAW/2.40 NM TO RW31 2000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:						
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:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.
CHART NOTE: USE AXA ALTIMETER SETTING, WHEN NOT RECEIVED, USE EST ALTIMETER SETTING, AND INCREASE ALL MDAS 20 FEET.

ADDITIONAL FLIGHT DATA:

CHART AXA AWOS-3
HOLD NW, RT, 132.42 INBOUND.
CHART FAS OBST: 1318 TREE (19-047767) 430632N/0944152W.
JIBAM TO RW31: 3.05/40.

MINIMUMS:

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

ALTERNATE: NA ☒

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
LNAV MDA	1620	1	414	1620	1	414		NA			NA				
CIRCLING	1780	1	574	1840	1	634		NA			NA				

CHANGES - REASONS

1. INCORPORATED PREVIOUS P-NOTAMS INTO AMDT ORIG-D.
2. TERMINAL ROUTES: ADDED MISSED APPROACH CA AND DF LEGS - NOT PREVIOUSLY DOCUMENTED, IAW 8260.46K.
3. PROFILE LINE 7: ADDED 20:1 IS CLEAR - 20:1 SURFACE IS CLEAR.
4. NOTES: CHANGED BACK-UP ALTIMETER NOTE FROM "USE ALGONA ALTIMETER SETTING, WHEN NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING" TO "USE AXA ALTIMETER SETTING, WHEN NOT RECEIVED, USE EST ALTIMETER SETTING AND INCREAS ALL MDAS 20 FEET" - IAW 8260.46K.
5. NOTES: CHANGED HELICOPTER VISIBILITY VALUE FROM 1 SM TO 3/4 SM – 20:1 SURFACE IS CLEAR.
6. NOTES: ADDED CIRCLING RWY 13 NA AT NIGHT - RWY 13 HAS 20:1 PENETRATIONS.
7. NOTES: REMOVED CHART NOTE: CIRCLING NA TO RWYS 4, 17, 22 AND 35 – TURF RUNWAYS DECOMMISSIONED.
8. ADDITIONAL FLIGHT DATA: ADDED CHART AXA AWOS-3 – PRIMARY ALTIMETER SOURCE IS REMOTE.
9. ADDITIONAL FLIGHT DATA: REMOVED VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) – ANGLES ARE COINCIDENT.
10. ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM 1284 TREE 430416N/0943944W TO 1318 TREE (19-047767) 430632N/0944152W. – UPDATED OBSTACLE EVALUATION IDENTIFIED NEW CONTROLLING OBSTACLE.
11. MINIMUMS: LNAV MDA/HAT INCREASED FROM 1600 MDA/394 HAT TO 1620 MDA/414 HAT - NEW CONTROLLING OBSTACLE.
12. MINIMUMS: CIRCLING CAT B HAA VALUE CHANGED FROM 635 TO 634 – AIRPORT ELEVATION CHANGE.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

☒

OTHER:

APT MGR

FLIGHT CHECKED BY

SUSANNA ROBERTS

Digitally signed by

RAKE MCGRAW

Mar 09, 2026

OFFICE

AJF

DATE

03/08/2026

Digitally signed by

RAKE MCGRAW

Mar 09, 2026

OFFICE

AJV-A422

DATE

10/23/2025

DEVELOPED BY

JANTZEN TAYLOR

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Mar 09, 2026

OFFICE

AJV-A422

DATE

TITLE

MANAGER