

**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 13	<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SUPERSEDED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 13	<u>DATED</u> 08/11/2022	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 042/30 CW 222/30	NOPT	ZERGA	IF/IAF	3800
2. 222/30 CW 312/30		ULBOW	IAF	3800
3. 312/30 CW 042/30		COVUP	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>
ULBOW	IAF	ZERGA	NOPT	TF	FB	1.00	222.48	5.00	3800
COVUP	IAF	ZERGA	NOPT	TF	FB	1.00	042.36	5.00	3800
ZERGA	IF/IAF	FOROV		TF	FB	1.00	132.42	6.10	2900
FOROV	FAF	ISEPE/2.10 NM TO RW13		TF	FB	0.30	132.48	3.02	
ISEPE/2.10 NM TO RW13		RW13	MAP	TF	FO	0.30	132.48	2.10	
RW13	MAP	1606 MSL		CA			132.48		
1606 MSL		HIVEN		DF	FO	1.00			3800

MISSED APPROACH

MAP:

LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3800 DIRECT HIVEN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
42
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW ZERGA, RT, 132.42 INBOUND, 3800 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	132.48	FAF:	FOROV	DIST FAF TO MAP:	5.12	DIST FAF TO THLD:	5.12							
4.	MIN ALT:	ZERGA 3800, FOROV 2900, ISEPE/2.10 NM TO RW13 1900													
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 NOT CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: PROCEDURE 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 SE, RT, 312.67 INBOUND.
CHART FAS OBST: 1320 TREE (19-043960) 430659N/0944235W.
CHART 1861 WINDMILL (19-070725) 431048N/0944553W, 1456 ANTENNA (19-031606) 430742N/0944530W.
FOROV TO RW13: 3.04/40.

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

- INCORPORATED PREVIOUS P-NOTAMS INTO AMDT ORIG-D.
- AIRPORT ELEVATION AND TDZE CHANGED FROM 1205 TO 1206 - NEW AIRNAV DATA.
- TERMINAL ROUTES: ADDED MISSED APPROACH CA AND DF LEGS - NOT PREVIOUSLY DOCUMENTED, IAW 8260.46K.
- PROFILE LINE 7: ADDED 20:1 NOT CLEAR - 20:1 PENETRATIONS EXIST.
- NOTES: REMOVED CHART NOTE: CIRCLING NA TO RWYS 4, 17, 22 AND 35 – TURF RUNWAYS DECOMMISSIONED.
- 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.
- ADDITIONAL FLIGHT DATA: ADDED CHART AXA AWOS-3 – PRIMARY ALTIMETER SOURCE IS REMOTE.
- ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM 1304 TREE 430719N/0944411W TO "1320 TREE (19-043960) 430659N/0944235W – UPDATED OBSTACLE EVALUATION IDENTIFIED NEW CONTROLLING OBSTACLE.
- ADDITIONAL FLIGHT DATA: ADDED 7:1 OBS CHART 1861 WINDMILL (19-070725) 431048N/0944553W, 1456 ANTENNA (19-031606) 430742N/0944530 - UPDATED 7:1 OBSTACLE EVALUATION.
- MINIMUMS: CIRCLING CAT B HAA VALUE CHANGED FROM 635 TO 634 – AIRPORT ELEVATION CHANGE.



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZMP, AMGR

FLIGHT CHECKED BY

SUSANNA ROBERTS

Digitally signed by

RAKE MCGRAW

Mar 09, 2026

OFFICE

AJF

DATE

03/08/2026

DEVELOPED BY

JANTZEN TAYLOR

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Mar 09, 2026

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AJV-A422

DATE

10/08/2025

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Mar 09, 2026

OFFICE

AJV-A422

DATE

TITLE

MANAGER

