

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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> C17	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MARION	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 861	<u>TDZE</u> 861	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH AIRSPACE DOCKET 22-ACE-22			

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
082/30 CW 262/30	NOPT	082/13 CW 262/13		4000
082/13 CW 262/13		HENCH	IF/IAF	2600
262/30 CW 352/30		262/25 CW 352/25		3300
262/25 CW 352/25		EMLUW	IAF	2600
352/30 CW 082/30		352/4 CW 082/4		3500
352/4 CW 082/4		ZODAG	IAF	2600

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>
EMLUW	IAF	HENCH	NOPT	TF	FB		262.12	6.00	2600
ZODAG	IAF	HENCH	NOPT	TF	FB		081.94	6.00	2600
HENCH	IF/IAF	CMEN		TF	FB		172.03	5.00	2500
CMEN	FAF	RW17	MAP	TF	FO		172.04	3.89	
RW17	MAP	1400 MSL		CA			172.04		
1400 MSL		HENCH		DF	FO				2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV; RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2600 DIRECT HENCH AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

- | | | | | | |
|-------|----------------|----------|-----------|----------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
|-------|----------------|----------|-----------|----------|-------|
2. HOLD N HENCH, RT 172.03 INBOUND, 2600 FT, IN LIEU OF PT (IAF), MAX 6000
3. **FAC:** 172.04 **FAF:** CMENT **DIST FAF TO MAP:** 3.89 **DIST FAF TO THLD:** 3.89
4. **MIN ALT:** HENCH 2600, CMENT 2500
5. **DIST TO THLD FROM FAF:** **MM:** **IM:** **150 HAT:** **279 HAT:** 0.58
6. **MIN GP INCPT:** 2500 **GP ALT AT FAF:** 2500 **MM:** **IM:**
7. **GP ANGLE:** 3.87 **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:** 40.0
8. **MSA FROM:**

PBN EQUIPMENT REQUIREMENTS NOTES:

RNP APCH - GPS

NOTES:

CHART NOTE: BARO-VNAV NA
CHART NOTE: STRAIGHT-IN RWY 17, NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT B W OF RWY 17/35
CHART NOTE: USE THE EASTERN IOWA ALTIMETER SETTING; WHEN NOT RECEIVED, USE MONTICELLO RGNL ALTIMETER SETTING: INCREASE LPV DA TO 1162; INCREASE LNAV/VNAV DA TO 1670; INCREASE ALL MDAS 40 FEET.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEM, LNAV/VNAV NA BELOW -6°C OR ABOVE 54°C
CHART NOTE: RWY 17, HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 172.03 INBOUND
CHART FAS OBST: 1275 TOWER 420340N/0913243W
CHART: THE EASTERN IOWA ASOS
WAAS CHANNEL #52102
REFERENCE PATH ID: W17A
LTP HAE: 230.1M
NON-FAA PROCEDURE

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
LPV DA	1140	1	279	1140	1	279		NA			NA				
LNAV/NAV DA	1648	2 1/2	787	1648	2 1/2	787		NA			NA				
LNAV MDA	1560	1	699	1560	1	699		NA			NA				
CIRCLING	1560	1	699	1620	1	759		NA			NA				

CHANGES - REASONS:

COORDINATED WITH:

A4A ☐
 ALPA ☒
 AOPA ☒
 APA ☐
 HAI ☐
 NBAA ☒
 OTHER: C17 AIRPORT MANAGER, CID ATC, HAC

FLIGHT CHECKED BY

CHRIS BAUR

Chris Baur

Digitally signed by Chris Baur
 Date: 2023.03.22 07:46:56 -04'00'

OFFICE

HAC

DATE

07/18/2022

DEVELOPED BY

TONY LAWSON

Tony Lawson

Digitally signed by Tony Lawson
 Date: 2023.03.22 07:47:10 -04'00'

OFFICE

HAC

DATE

1/3/2022

APPROVED BY

BRIAN BERUBEE

Brian Berubee

Digitally signed by Brian Berubee
 Date: 2023.03.22 07:47:21 -04'00'

OFFICE

HAC

DATE

TITLE

CHIEF DESIGNER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	C17
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	420203.4720N
LTP/FTP LONGITUDE	0913156.4600W
LTP/FTP ELLIPSOIDAL HEIGHT	+02301
FPAP LATITUDE	420034.8155N
FPAP LONGITUDE	0913144.0620W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.87
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1672
HORIZONTAL ALERT LIMIT (HAL)	40
VERTICAL ALERT LIMIT (VAL)	50
<u>CRC REMAINDER</u>	568DF88D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02623
FPAP ORTHOMETRIC HIEGHT	+02623