

**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.

<b>AIRPORT ID</b> C17	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 35	<b>ORIGINAL/AMENDMENT</b> ORIG	<b>CITY</b> MARION	<b>STATE</b> IA
<b>AIRPORT ELEVATION</b> 861	<b>TDZE</b> 861	<b>SUPERSEDED</b>	<b>ORIGINAL/AMENDMENT</b> NONE	<b>DATED</b>
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 10 AUGUST 2023	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>MAG VAR</b> 2E
				<b>EPOCH YEAR</b> 1985

**TAA** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TO 23-17.

	FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1.	262/30 CW 082/30	NOPT	262/8 CW 082/8		3300
2.	262/8 CW 082/8		RUENS	IF/IAF	2500
3.	082/30 CW 172/30		082/20 CW 172/20		4000
4.	082/20 CW 172/20		NOVSE	IAF	3000
5.	172/30 CW 262/30		LOUNG	IAF	2600

**TERMINAL ROUTES**

	FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
	NOVSE	IAF	RUENS	NOPT	TF	FB		081.97	6.00	2500
	LOUNG	IAF	RUENS	NOPT	TF	FB		262.15	6.00	2500
	RUENS	IF/IAF	SIGNS		TF	FB		352.06	5.00	2500
	SIGNS	FAF	WOPVO/2.84 NM TO RW35		TF	FB		352.05	2.20	1580
	WOPVO/2.84 NM TO RW35		RW35	MAP	TF	FO		352.05	2.84	
	RW35	MAP	1111 MSL		CA			352.05		
	1111 MSL		HENCH		DF	FO				2600

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW35

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2600 DIRECT HENCH AND HOLD.

**AIRPORT ID**

C17

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RNAV (GPS) RWY 35

**ORIGINAL/AMENDMENT**

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**STATE**

IA

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):****PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. HOLD S RUENS, RT, 352.06 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000
3. FAC: 352.05      FAF: SIGNS      DIST FAF TO MAP: 5.04      DIST FAF TO THLD: 5.04
4. MIN ALT: RUENS 2500, SIGNS 2500, WOPVO/2.84 NM TO RW35 1580
5. DIST TO THLD FROM FAF:      MM:      IM:      150 HAT:      250 HAT: 0.68
6. MIN GP INCPT: 2500      GP ALT AT FAF: 2500      MM:      IM:
7. GP ANGLE: 3.00      34:1: IS CLEAR      20:1: IS CLEAR      TCH: 40.0
8. MSA FROM:

**PBN EQUIPMENT REQUIREMENTS NOTES:**

RNP APCH - GPS

**NOTES:**

CHART NOTE: BARO-VNAV NA

CHART NOTE: CIRCLING 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 1133; INCREASE LNAV/VNAV DA TO 1162; INCREASE ALL MDAS 40 FEET.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEM, LNAV/VNAV NA BELOW -6°C OR ABOVE 54°C

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 172.03 INBOUND

CHART FAS OBST: 999 TREE 420007N/0913141W

CHART: THE EASTERN IOWA ASOS

WAAS CHANNEL #98719

REFERENCE PATH ID: W35A

LTP HAE: 228.0 M

NON-FAA PROCEDURE

**MINIMUMS:**

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

ALTERNATE: NA

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<b>CATEGORY:</b>		<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>	
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	1111	1	250	1111	1	250		NA			NA				
LNAV/VNAV DA	1140	1	279	1140	1	279		NA			NA				
LNAV MDA	1280	1	419	1280	1	419		NA			NA				
CIRCLING	1280	1	419	1340	1	479		NA			NA				

**CHANGES - REASONS:**

THIS IS A CORRECTED COPY OF THE FORM DATED 3/22/2023

CHANGED WOPOV TO WOPVO IN TERMINAL ROUTES

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: C17 AIRPORT MANAGER, CID ATC, HAC, ZAU ARTCC

**FLIGHT CHECKED BY**

CHRIS BAUR

Chris Baur Digitally signed by Chris Baur  
Date: 2023.06.27 14:39:05 -04'00'

**OFFICE**

HAC

**DATE**

07/18/2022

**DEVELOPED BY**

TONY LAWSON

Tony Lawson Digitally signed by Tony Lawson  
Date: 2023.06.27 14:39:17 -04'00'

**OFFICE**

HAC

**DATE**

12/30/2021

**APPROVED BY**

BRIAN BERUBEE

Brian Berubee Digitally signed by Brian Berubee  
Date: 2023.06.27 14:39:39 -04'00'

**OFFICE**

HAC

**DATE**

06/27/2023

**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	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	420128.7680N
LTP/FTP LONGITUDE	0913151.6055W
LTP/FTP ELLIPSOIDAL HEIGHT	+02280
FPAP LATITUDE	420257.4235N
FPAP LONGITUDE	0913204.0090W
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	1600
HORIZONTAL ALERT LIMIT (HAL)	40
VERTICAL ALERT LIMIT (VAL)	50

<u>CRC REMAINDER</u>	C09765B3
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02603
FPAP ORTHOMETRIC HIEGHT	+02603