

**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> VTI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> VINTON	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 842	<u>TDZE</u> 839	<u>SUPERSEDED ORIGINAL/AMENDMENT</u> RNAV (GPS) RWY 27 ORIG-A	<u>DATED</u> 12/01/2022	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 AUGUST 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<u>CANCEL/SUSPEND</u>	

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>
INDET		EJGUD		TF	FB	1.00	157.15	14.08	4000
CID VOR/DME		ZITPI		TF	FB	1.00	000.60	14.19	3000
EJGUD	IAF	JOHUJ	NOPT	TF	FB	1.00	181.67	5.00	3000
ZITPI	IAF	JOHUJ	NOPT	TF	FB	1.00	001.67	5.20	3000
JOHUJ	IF/IAF	SIFOJ		TF	FB	1.00	271.67	6.10	2500
SIFOJ	FAF	CULBE/1.80 NM TO RW27		TF	FB	0.30	271.57	3.22	
CULBE/1.80 NM TO RW27		RW27	MAP	TF	FO	0.30	271.57	1.80	
RW27	MAP	1089 MSL		CA			271.57		
1089 MSL		WUZMU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WUZMU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E JOHUJ, RT, 271.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 271.57 **FAF:** SIFOJ **DIST FAF TO MAP:** 5.02 **DIST FAF TO THLD:** 5.02
- MIN ALT:** JOHUJ 3000, SIFOJ 2500, CULBE/1.80 NM TO RW27 1440
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.65 **GS ANT:**
- MIN GP INCPT:** 2500 **GP ALT AT PFAF:** SIFOJ 2500 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.04 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
- MSA FROM:** RW27 4000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING IIB ALTIMETER SETTING.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IIB ALTIMETER SETTING: INCREASE LPV DA TO 1140 FEET, LNAV/VNAV DA TO 1374 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CID VORTAC AIRWAY RADIALS 321 CW 052.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 091.32 INBOUND.
 CHART FAS OBST: 1003 TREE 421303N/0915845W.
 CHART VDP AT 1.22 NM TO RW27.
 WAAS CHANNEL # 62917
 REFERENCE PATH ID: W27A
 LTP HAE: 224.5 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1089	1	250	1089	1	250		NA			NA				
LNAV/VNAV DA	1260	1 1/4	421	1260	1 1/4	421		NA			NA				
LNAV MDA	1260	1	421	1260	1	421		NA			NA				
CIRCLING	1320	1	478	1360	1	518		NA			NA				

CHANGES - REASONS

1. FINAL COURSE CHANGED FROM 271.58 TO 271.57. - PROCEDURE DESIGN
2. GPA CHANGED FROM 3.00 TO 3.04. - PROCEDURE DESIGN
3. DELETED NOTE: WHEN CIRCLING TO RWY 9 AT NIGHT OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. - NO LONGER APPLIES
4. FPAP LOCATION CHANGED FROM 421312.4100N/0920314.0200W TO 421312.4165N/0920314.0245W. - NEW GEOGRAPHIC DATA
5. CRC REMAINDER CHANGED FROM 8C06C792 TO 1116FD43. - FPAP CHANGED FROM 421312.4100N/0920314.0200W TO 421312.4165N/0920314.0245W
6. WUZMU MOVED 1.16NM EAST FROM N421339.3600/W0921706.9600 TO N421335.5259/W0921533.3232.- PROCEDURE DESIGN ON RECIPRICOL RUNWAY
7. CHART NOTES: CHANGED "INDEPENDENCE" TO IIB IN SECONDARY ALTIMETER NOTE.-IAW 8260.19J
8. PROCEDURE NOTES: ADDED BARO-VNAV NA WHEN USING IIB ALTIMETER SETTING. - IAW 8260.19J
9. LNAV/VNAV MINIMA: VISIBILITY CHANGED FROM 1 3/4 TO 1 1/4 ALL CATS. - IAW 8260.3F 3-3-2



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZAU, APT MGR

FLIGHT CHECKED BY

SHAWN MAXWELL

Digitally signed by

DONALD H LANIER

May 16, 2025

Digitally signed by

DONALD H LANIER

May 16, 2025

OFFICE

AJF

DATE

5/14/2025

DEVELOPED BY

NICHOLAS HEIDERSTADT

OFFICE

AJV-A421

DATE

02/18/2025

APPROVED BY

DAVID DANNER

Digitally signed by

DONALD H LANIER

May 16, 2025

OFFICE

AJV-A421

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KVTI
RW27
0
0
W27A
421308.5350N
0920114.2240W
+02245
421312.4165N
0920314.0245W
00040.0
F
03.04
106.75
1528
40.0
50.0

CRC REMAINDER

1116FD43

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+02555
+02555

