

**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> KEKM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> ELKHART	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 778	<u>TDZE</u> 777	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 DECEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GIJ VORTAC		CUBOR		TF	FB	1.00	051.45	10.96	2500
VENTU		CIBIP		TF	FB	1.00	278.47	12.41	2800
CIBIP	IAF	CEKMU	NOPT	TF	FB	1.00	266.00	5.00	2500
CUBOR	IAF	CEKMU	NOPT	TF	FB	1.00	085.86	5.00	2500
CEKMU	IF/IAF	CODVA		TF	FB	1.00	175.93	6.09	2400
CODVA	FAF	RW18	MAP	TF	FO	0.30	175.94	4.91	
RW18	MAP	1178 MSL		CA			175.94		
1178 MSL		BUCGA		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT BUCGA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD N CEKMU, RT, 175.93 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 175.94 **FAF:** CODVA **DIST FAF TO MAP:** 4.91 **DIST FAF TO THLD:** 4.91
- 4. **MIN ALT:** CEKMU 2500, CODVA 2400
- 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:** RW18 3000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.
 CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT.
 CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GIJ VORTAC ON V55 SOUTHBOUND.
 CHART NOTE: VDP NA WITH SOUTH BEND ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTH BEND ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 355.97 INBOUND.
 CHART FAS OBST: 962 TRANSMISSION_LINE (18-001316) 414530N/0855920W.
 CHART VDP AT 1.45 NM TO RW18.
 CHART CIRCLING ICON.
 CODVA TO RW18: 3.04/37.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT D 900-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	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	1280	1	503	1280	1	503	1280	1 3/8	503	1280	1 3/8	503			
CIRCLING	1280	1	502	1300	1	522	1380	1 3/4	602	1580	2 1/2	802			



CHANGES - REASONS

1. INCORPORATED P-NOTAMS FROM AMDT ORIG-A AND ORIG-B INTO FORM - IAW 8260.19I, 8-3-4.C(3).
2. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19I, 8-6-7.B(2).
3. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).
4. CHANGED PBN REQUIREMENTS FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8.A(5)(B)(2).
5. DELETED PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - NOW COINCIDENT IAW 8260.19I, 8-6-9.M.
6. ADDED CHART NOTE: "VDP NA WITH SOUTH BEND ALTIMETER SETTING" - 20:1 PENETRATIONS NO LONGER EXIST.
7. DELETED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VENTU VIA V285 NORTHEASTBOUND TO V10 EASTBOUND - AIRWAYS NO LONGER PUBLISHED.
8. CHANGED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS ON GIJ VORTAC AIRWAY RADIAL 021 CW 092" TO "PROCEDURE NA FOR ARRIVALS AT GIJ VORTAC ON V55 SOUTHBOUND" - AIRWAYS NO LONGER PUBLISHED.
9. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.45 NM TO RW18" - 20:1 PENETRATIONS NO LONGER EXIST.
10. ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE DESCRIPTION: A, P" - NO LONGER REQUIRED PER CURRENT CRITERIA.
11. ADDITIONAL FLIGHT DATA: DELETED "APPROACH ROUTE QUALIFIER 2: S" - NO LONGER REQUIRED PER CURRENT CRITERIA.
12. LOWERED LNAV VISIBILITY CATS C/D FROM 1 1/2 SM TO 1 3/8 SM - 8260.3E TABLE 3-3-1 APPLIED.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU ARTCC, SBN ATCT, EKM ATCT, AMGR, CHI-FPO.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE *Digitally signed by* **DATE**

CASIMIR L TABAKA

Oct 25, 2023

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Sep 08, 2023

OFFICE

AJV-A432

DATE

06/28/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA

Sep 08, 2023

OFFICE

AJV-A432

DATE

TITLE
MANAGER

