

**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><b>AIRPORT ID</b></u> KCUL	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 18	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-B	<u><b>CITY</b></u> CARMI	<u><b>STATE</b></u> IL		
<u><b>AIRPORT ELEVATION</b></u> 388	<u><b>TDZE</b></u> 388	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 18	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-A	<u><b>DATED</b></u> 09/08/2022	<u><b>MAG VAR</b></u> 1W	<u><b>EPOCH YEAR</b></u> 2000
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 20 APRIL 2023	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ZIMUN	IAF	HGOOD	NOPT	TF	FB	1.00	111.56	14.01	2500
PRINC	IAF	HGOOD	NOPT	TF	FB	1.00	264.73	24.02	2500
HGOOD	IF/IAF	BCASY		TF	FB	1.00	181.26	6.10	2100
BCASY	FAF	RW18	MAP	TF	FO	0.30	181.26	5.25	
RW18	MAP	638 MSL		CA			181.26		
638 MSL		UXZOR		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW18

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT UXZOR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N HGOOD, RT, 181.26 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 181.26FAF: BCASYDIST FAF TO MAP: 5.25DIST FAF TO THLD: 5.25

4. MIN ALT: HGOOD 2500, BCASY 2100

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2100GP ALT AT PFAF : BCASY 2100OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW18 2200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIMUN ON V52 NORTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PRINC ON V7 NORTHBOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 001.26 INBOUND.  
FAS OBST: 640 AAO 380952N/0880734W.  
CHART VDP AT 1.54 NM TO RW18.  
WAAS CHANNEL # 56343  
REFERENCE PATH ID: W18A  
CHART CIRCLING ICON.  
LTP HAE: 87.7 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	638	3/4	250	638	3/4	250	638	3/4	250		NA				
LNAV/VNAV DA	679	7/8	291	679	7/8	291	679	7/8	291		NA				
LNAV MDA	900	1	512	900	1	512	900	1 3/8	512		NA				
CIRCLING	900	1	512	900	1	512	1000	1 3/4	612		NA				



**CHANGES - REASONS**

1. TERMINAL ROUTES: SEGMENT FROM ZIMUN TO HGOOD, ALTITUDE CHANGED FROM 2100 TO 2500 - ATC REQUEST (MVA)
2. TERMINAL ROUTES: SEGMENT FROM PRINC TO HGOOD, ALTITUDE CHANGED FROM 2100 TO 2500 - ATC REQUEST (MVA)
3. TERMINAL ROUTES: SEGMENT FROM 638 MSL TO UXZOR, ALTITUDE CHANGED FROM 2100 TO 2500 - ATC REQUEST (MVA)
4. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2100 DIRECT UXZOR AND HOLD" TO "CLIMB TO 2500 DIRECT UXZOR AND HOLD" - ATC REQUEST (MVA)
5. PROFILE LINE 2: CHANGED FROM "HOLD N HGOOD, RT, 181.26 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000" TO "HOLD N HGOOD, RT, 181.26 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000" - ATC REQUEST (MVA)
6. PROFILE LINE 4: MINIMUM ALTITUDE CHANGED FROM "HGOOD 2100" TO "HGOOD 2500" - ATC REQUEST (MVA)

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, EVV APP CON, AMGR

**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**

Nov 22, 2022

**DEVELOPED BY**

APRIL SARMENTO

*Digitally signed by*

**APRIL T SARMENTO**

Nov 17, 2022

**OFFICE**

AJV-A432

**DATE**

11/08/2022

**APPROVED BY**

CASIMIR TABAKA

*Digitally signed by*

**CASIMIR L TABAKA**

Nov 22, 2022

**OFFICE**

AJV-A431

**DATE**

04/20/2023

**TITLE**

MANAGER

QUALITY  
10  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCUL
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	380541.8895N
LTP/FTP LONGITUDE	0880722.8855W
LTP/FTP ELLIPSOIDAL HEIGHT	+00877
FPAP LATITUDE	380412.6930N
FPAP LONGITUDE	0880723.3980W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	07A8FE54

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01182
FPAP ORTHOMETRIC HEIGHT	+01182

