

**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> KIMS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MADISON	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 819	<u>TDZE</u> 819	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-08.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BEENO	IF/IAF	FORAY		TF	FB	1.00	276.14	3.81	2500
FORAY		DORRE		TF	FB	1.00	276.09	2.00	2400
DORRE		OHWOW		TF	FB	1.00	229.79	2.00	1900
OHWOW	FAF	RW21	MAP	TF	FO	0.30	214.77	3.07	
RW21	MAP	1099 MSL		CA			214.77		
1099 MSL		KOYGE		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW21

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT KOYGE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E BEENO, RT, 276.14 INBOUND, 2800 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAF: 214.77FAF: OHWOWDIST FAF TO MAP: 3.07DIST FAF TO THLD: 3.07

4. MIN ALT: BEENO 2800, FORAY 2500, DORRE 2400, OHWOW 1900

5. DIST TO THLD FROM OM:MM:IM:150 HAT:280 HAT: 0.71GS ANT:

6. MIN GP INCPT: 1900GP ALT AT FAF : OHWOW 1900OM:MM:IM:

7. GP ANGLE: 3.2034:1: IS NOT CLEAR20:1: IS CLEARTCH: 39.0

8. MSA FROM: RW21 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT C EAST OF RWY 03-21.  
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART SPEED ICON IN PLANVIEW AT FORAY: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART R-3403A  
HOLD SW, RT, 034.67 INBOUND.  
FAS OBST: 1088 TOWER 384739N/0852530W.  
CHART 1218 TOWER 384722N/0852312W.  
CHART VDP AT 1.51 NM TO RW21  
WAAS CHANNEL # 65943  
REFERENCE PATH ID: W21A  
LTP HAE: 215.8 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	1099	7/8	280	1099	7/8	280	1099	7/8	280		NA				
LNAV/VNAV DA	1132	7/8	313	1132	7/8	313	1132	7/8	313		NA				
LNAV MDA	1340	1	521	1340	1	521	1340	1 1/2	521		NA				
CIRCLING	1340	1	521	1340	1	521	1340	1 1/2	521		NA				

**CHANGES - REASONS**

02/23/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/05/21.

1. ADDED "HOLD SW, RT, 034.67 INBOUND" TO ADDITIONAL FLIGHT DATA - HOLDING WAS MISSING FROM AFD.

2. CHANGED CAT C CIRCLING VISIBILITY FROM 3 SM TO 1 1/2 SM - UPDATED VIS CHECK.

3. CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT C 800-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - UPDATED VIS CHECK.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

JAMES BRIAN ONIEAL

*Digitally signed by*

**JON DENTON**

Feb 23, 2021

**OFFICE**

FIOG

**DATE**

02/03/2021

**DEVELOPED BY**

WARDELL HENNING (LORRI DOWNEY)

*Digitally signed by*

**JON DENTON**

Feb 23, 2021

**OFFICE**

AJV-A432

**DATE**

10/13/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**JON DENTON**

Feb 23, 2021

**OFFICE**

AJV-A430

**DATE**

**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIMS
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	384556.6665N
LTP/FTP LONGITUDE	0852736.2950W
LTP/FTP ELLIPSOIDAL HEIGHT	+02158
FPAP LATITUDE	384440.8310N
FPAP LONGITUDE	0852836.2415W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.20
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F23E9ECB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02497
FPAP ORTHOMETRIC HEIGHT	+02497

