

**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> 2M0	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> PRINCETON	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 584	<u>TDZE</u> 573	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 3W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
<u>CANCEL/SUSPEND</u>				

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 140/30 CW 320/30	NOPT	NONRE	IF/IAF	2700
2. 320/30 CW 140/30		NONRE	IF/IAF	2700

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>
NONRE	IF/IAF	ZITKU		TF	FB	1.00	230.22	4.00	2200
ZITKU	FAF	JOROV/2.30 NM TO RW23		TF	FB	0.30	230.19	2.81	
JOROV/2.30 NM TO RW23		RW23	MAP	TF	FO	0.30	230.19	2.30	
RW23	MAP	899 MSL		CA			230.19		
899 MSL		IXBER		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT IXBER AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NE NONRE, RT, 230.22 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	230.19	FAF:	ZITKU	DIST FAF TO MAP:	5.11	DIST FAF TO THLD:	5.11							
4.	MIN ALT:	NONRE 2700, ZITKU 2200, JOROV/2.30 NM TO RW23 1300													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		326 HAT:	1.02	GS ANT:				
6.	MIN GP INCPT:	2200	GP ALT AT PFAF:	ZITKU 2200			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	31.8							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE HOP ALTIMETER SETTING; WHEN NOT RECEIVED, USE 210 ALTIMETER SETTING AND INCREASE LPV DA TO 908 FEET, INCREASE LNAV/VNAV DA TO 1224 FEET, INCREASE ALL MDAS 20 FEET.

ADDITIONAL FLIGHT DATA:

CHART HOP ATIS.

HOLD SW, RT, 050.06 INBOUND.
FAS OBST: 779 TREE 370739N/0874949W.
WAAS CHANNEL # 45631
REFERENCE PATH ID: W23A
LTP HAE: 135.6 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	899	1	326	899	1	326		NA			NA				
LNAV/VNAV DA	1215	1 7/8	642	1215	1 7/8	642		NA			NA				
LNAV MDA	1120	1	547	1120	1	547		NA			NA				
CIRCLING	1420	1 1/4	836	1420	1 1/4	836		NA			NA				



CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO FORM – IAW 8260-19J PARA 8-3-4.C (3).
2. TERMINAL ROUTES: UPDATED CA TO POINT AND DF FROM LEG POINT FROM "866" TO "899" - LPV DA RAISED AND IAW 8260.58C 3-5-2.B.
3. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19J 8-6-7.B.2.
4. PROFILE LINE 4: UPDATED "JOROV/2.30 NM TO RW23 1300*" TO "JOROV/2.30 NM TO RW23 1300" - ASTERICK REMOVED NO LONGER REQUIRED.
5. PROFILE LINE 5: ADDED "352 HAT: 1.02" - IAW 8260.19J 8-6-7.E.3.
6. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - 20:1 PENETRATIONS REMOVED AND IAW 8260.19J 8-6-7.G.3.
7. PBN REQUIREMENTS NOTE: REMOVED "DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS" - IAW 8260.19J 8-6-8.
8. NOTES: UPDATED CHART NOTE "USE CAMPBELL AAF (FORT CAMPBELL) ALTIMETER SETTING; WHEN NOT RECEIVED, USE MADISONVILLE RGNL ALTIMETER SETTING AND INCREASE ALL DA 6 FEET AND ALL MDA 20 FEET" TO "USE HOP ALTIMETER SETTING; WHEN NOT RECEIVED, USE 210 ALTIMETER SETTING AND INCREASE LPV DA TO 908 FEET, INCREASE LNAV/VNAV DA TO 1224 FEET, INCREASE ALL MDAS 20 FEET." - IAW 8260.19 8-6-10.F.4.
9. NOTES: REMOVED "*LNAV ONLY" - NO LONGER REQUIRED.
10. MINIMUMS: UPDATED LNAV HAT FROM "579" TO "547" - WHEN P-NTM WAS DONE TO AMEND TDZE THE LNAV HAT WAS NOT CORRECTED.
11. MINIMUMS: UPDATED LPV MINS/HAT FROM "898/325" TO "899/326" AND VIS FROM "1 1/8" TO "1" - VGS PENETRATIONS ON FINAL REQUIRED TO RAISE AND NEW VISIBILITY TABLE APPLIED.
12. MINIMUMS: UPDATED LNAV/VNAV VIS FROM "2 1/2" TO "1 7/8" - NEW VISIBILITY TABLE APPLIED.
13. FAS DATA: CRC REMAINDER UPDATED FROM "B527A0AB" TO "871DC4A9" - FPAP LAT/LONG UPDATED FROM "370607.5700N/0875228.5890W" TO "370607.5720N/0875228.5910W".

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZME, AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

ROBERT G HAMILTON

Oct 04, 2024

OFFICE

FPO

DATE

10/03/2024

DEVELOPED BY

ROBERT G HAMILTON (MATTHEW W.TOWNSEND)

Digitally signed by

ROBERT G HAMILTON

Oct 04, 2024

OFFICE

AJV-A433

DATE

12/26/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Oct 04, 2024

OFFICE

AJV-A433

DATE

TITLE

MANAGER



AIRPORT ID
2M0

PROCEDURE NAME
RNAV (GPS) RWY 23

ORIGINAL/AMENDMENT
ORIG-B

CITY
PRINCETON

STATE
KY

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2M0
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	370708.2610N
LTP/FTP LONGITUDE	0875106.9465W
LTP/FTP ELLIPSOIDAL HEIGHT	+01356
FPAP LATITUDE	370607.5720N
FPAP LONGITUDE	0875228.5910W
THRESHOLD CROSSING HEIGHT (TCH)	00031.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	871DC4A9
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01649
FPAP ORTHOMETRIC HEIGHT	+01649

