

**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> KCEY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> MURRAY	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 577	<u>TDZE</u> 577	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 03/05/2015	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 322/30 CW 142/30	NOPT	EKACY	IF/IAF	3000
2. 142/30 CW 322/30		EKACY	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EKACY	IF/IAF	OXURE		TF	FB	1.00	051.77	6.78	2200
OXURE	FAF	ZAKOP/1.80 NM TO RW05		TF	FB	0.30	051.83	3.17	
ZAKOP/1.80 NM TO RW05		RW05	MAP	TF	FO	0.30	051.83	1.80	
RW05	MAP	827 MSL		CA			051.83		
827 MSL		GELME		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT GELME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW EKACY, RT, 051.77 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000.

3. FAC: 051.83FAF: OXUREDIST FAF TO MAP: 4.97DIST FAF TO THLD: 4.97

4. MIN ALT: EKACY 3000, OXURE 2200, ZAKOP/1.80 NM TO RW05 1180

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

6. MIN GP INCPT: 2200GP ALT AT PFAF : OXURE 2200OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 5 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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 232.00 INBOUND.
CHART FAS OBST: 688 TREE (21-059900) 363859N/0882243W.
CHART VDP AT 1.11 NM TO RW05.
WAAS CHANNEL # 86826
REFERENCE PATH ID: W05A
CHART CIRCLING ICON.
LTP HAE: 147.4 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	827	3/4	250	827	3/4	250	827	3/4	250	827	3/4	250			
LNAV/VNAV DA	947	1	370	947	1	370	947	1	370	947	1	370			
LNAV MDA	960	1	383	960	1	383	960	1 1/8	383	960	1 1/8	383			
CIRCLING	1000	1	423	1040	1	463	1040	1 1/2	463	1180	2	603			



CHANGES - REASONS

1. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I 8-6-7G(3)(A).
2. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH - GPS TO PBN REQUIREMENTS NOTE - IAW 8260.19I 8-6-8B(2).
3. CHANGED CHART NOTE: FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19I 8-6-11K(3).
4. CHANGED CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - IAW 8260.19I 8-6-9R.
5. UPDATED AND MOVED ALTIMETER SETTING AND ASSOCIATED NOTES TO BACK OF -9 - CONTINGENY IAW 8260.19I 8-6-9F(3), CLEARS NOTAM 2/7407.
6. REMOVED *LNAV ONLY FROM NOTES - *LNAV NO LONGER REQUIRED PER CRITERIA.
7. FAS OBST CHANGED FROM 694 TREE 363836N/0882343W TO 688 TREE (21-059900) 363859N/0882243W - NEW OBSTACLE EVALUATION/SURVEY UPDATED.
8. LTP HAE: CHANGED FROM 147.1 M TO 147.4 M - NEW SURVEY DATED 4/17/2018.
9. LPV VISIBILITY CHANGED FROM 7/8 SM TO 3/4 SM ALL CATS - IAW 8260.3E TABLE 3-3-1.
10. LNAV/VNAV DA/HAT ALL CATS CHANGED FROM 871/294 TO 947/370 - NEW CO IDENTIFIED IN OBSTACLE EVALUATION, 674 TREE (21-060082) 363858.92N/0882354.05W, CLEARS NOTAM 2/7407.
11. LTP/FTP LAT/LONG CHANGED FROM "363932.7295N/0882251.0990W" TO "363932.7320N/0882251.0935W", FPAP CHANGED FROM "364030.2135N/0882126.4020W" TO "364030.2240N/0882126.4040W", CRC REMAINDER CHANGED FROM "3F74893A" TO "05EC4331", LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+01757" TO "+01760" - NEW SURVEY DATED 4/17/2018.
12. NEW LPV CONTOLLER 659 TREE (21-059886) 363927.57N/0882250.02W AND NEW CIRCLING CAT A CONTROLLER 688 TREE (21-059900) 363858.84N/0882242.84W - NEW OBSTACLE EVALUATION RESULTS, SURVEY UPDATED.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME, AMGR

FLIGHT CHECKED BY

Digitally signed by

ERIC N SUSKI

MICHAEL W PENDERGRASS

Aug 05, 2022

OFFICE

FPO

DATE

07/27/2022

DEVELOPED BY

RICHARD CHRISTENSEN

Digitally signed by

RICHARD E CHRISTENSEN

Jun 25, 2022

OFFICE

AJV-A431

DATE

05/19/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

ERIC N SUSKI

Jun 29, 2022

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	KCEY
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	363932.7320N
LTP/FTP LONGITUDE	0882251.0935W
LTP/FTP ELLIPSOIDAL HEIGHT	+01474
FPAP LATITUDE	364030.2240N
FPAP LONGITUDE	0882126.4040W
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	0856
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	05EC4331

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01760
FPAP ORTHOMETRIC HEIGHT	+01760

