

**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> KFGX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> FLEMINGSBURG	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 913	<u>TDZE</u> 913	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> 11/30/2023	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 162/30 CW 342/30	NOPT	BUMRY	IF/IAF	3500
2. 342/30 CW 072/30		ITZOV	IAF	3500
3. 072/30 CW 162/30		DOLEW	IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ITZOV	IAF	BUMRY	NOPT	TF	FB	1.00	342.39	7.00	3500
DOLEW	IAF	BUMRY	NOPT	TF	FB	1.00	162.31	7.00	3500
BUMRY	IF/IAF	ADZAB		TF	FB	1.00	252.27	6.95	2800
ADZAB	FAF	ENOSE/2.70 NM TO RW25		TF	FB	0.30	252.27	3.11	
ENOSE/2.70 NM TO RW25		RW25	MAP	TF	FO	0.30	252.27	2.70	
RW25	MAP	1113 MSL		CA			252.27		
1113 MSL		DIKRY		DF	FO	1.00			3000



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT DIKRY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E BUMRY, RT, 252.27 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 10000.					
3. FAC:	252.27	FAF: ADZAB	DIST FAF TO MAP: 5.81	DIST FAF TO THLD: 5.81	
4. MIN ALT:	BUMRY 3500, ADZAB 2800, ENOSE/2.70 NM TO RW25 1800				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.51	GS ANT:
6. MIN GP INCPT: 2800	GP ALT AT PFAF :	ADZAB 2800	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BLUE GRASS ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE LPV DA TO 1240 FEET AND ALL VISIBILITIES 1/4 SM;
INCREASE LNAV/VNAV DA TO 1290 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 072.06 INBOUND.
CHART FAS OBST: 1005 TRANSMISSION_LINE (21-021260) 383342N/0834247W.
CHART 1025 TRANSMISSION_LINE 383319N/0834044W.
CHART VDP AT 0.97 NM TO RW25.
WAAS CHANNEL # 69212
REFERENCE PATH ID: W25A
LTP HAE: 244.4 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	1113	3/4	200	1113	3/4	200	1113	3/4	200	1113	3/4	200				
LNAV/VNAV DA	1163	3/4	250	1163	3/4	250	1163	3/4	250	1163	3/4	250				
LNAV MDA	1260	1	347	1260	1	347	1260	1	347	1260	1	347				
CIRCLING	1320	1	407	1380	1	467	1520	1 3/4	607	1520	2	607				

CHANGES - REASONS

1. TERMINAL ROUTE: CHANGED INTIAL LEG ITZOV TO BUMRY COURSE/DISTANCE FROM "342.38/6.00" TO "342.39/7.00". - FIX ITZOV MOVED 1NM SOUTHEAST.
2. TERMINAL ROUTE: CHANGED INITIAL LEG DOLEW TO BUMRY COURSE/DISTANCE FROM "162.32/6.00" TO "162.31/7.00". - FIX DOLEW MOVED 1NM NORTHWEST.
3. TERMINAL ROUTE: CHANGED INTERMEDIATE LEG BUMRY TO ADZAB RNP/COURSE/DISTANCE FROM "0.50/252.36/7.00" TO "1.00/252.27/6.95". - RNP VALUE CHANGED IAW 8260.58, COURSE AND DISTANCE CHANGED BECAUSE PFAF FIX LOCATION MOVED.
4. TERMINAL ROUTE: CHANGED FINAL LNAV STEPDOWN LEG DISTANCE FROM "3.02" TO "3.11". - PFAF AND STEPDOWN FIX MOVED LOCATION DUE TO NEW RWY CONSTRUCTION.
5. PROFILE LINE 2: ADDED MAX 10000. - IAW 8260.19 8-6-7.B.
6. PROFILE LINE 3: UPDATED DIST FAF TO MAP/THLD FROM "5.72" TO "5.81" - UPDATED PFAF LOCATION.
7. PROFILE LINE 5: CHANGED FROM "250 HAT: 0.67" TO "200 HAT: 0.51" - NEW EVALUATION.
8. PROFILE LINE 7: ADDED 20:1 "IS CLEAR". - OBSTRUCTIONS REMOVED.
9. CHART NOTE: REMOVED "**LNAV ONLY". - NO LONGER REQUIRED BY CRITERIA.
10. UPDATED CHART NOTE FROM "CHART NOTE: BARO-VNAV NA WHEN USING LEXINGTON ALTIMETER SETTING. " TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BLUE GRASS ALTIMETER SETTING." - IAW 8260.19 8-6-9.E(9)
11. REMOVED CHART NOTE: "DME/DME RNP - 0.3 NA" - NO LONGER REQUIRED.
12. ADDED PBN REQUIREMENT NOTE: "RNP APCH - GPS". IAW 8260.19 8-6-8.B
13. CHART NOTE: UPDATED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C (4°F) OR ABOVE 47°C (116°F). " TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C. " - IAW 8260.19 8-6-9.R
14. CHART NOTE: UPDATED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE LPV DA TO 1290 FEET, AND ALL VISIBILITIES 1/4 SM, LNAV/VNAV DA TO 1344 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE ALL MDA 140 FEET. INCREASE LNAV CAT C VISIBILITY 1/2 SM, CAT D 1/4 SM AND INCREASE CIRCLING CATS C AND D VISIBILITY 1/2 SM." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE LPV DA TO 1240 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1290 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/2 SM." - NEW EVALUATION.
15. REMOVED CHART PROFILE NOTE: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - VGSI HAS BEEN ALIGNED TO MATCH THE GLIDESLOPE.
16. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST: FROM "1013 PWR LINE 383342N/0834248W, 957 TREE 383245N/0834336W. TO "1005 TRANSMISSION LINE (21-021260) 383342N/0834247W." - NEW MAP STUDY AND EVALUATION.
17. ADDITIONAL FLIGHT DATA: REMOVED 7:1 OBSTACLE "CHART 1044 PWR LINE 383319N/0834044W." - NEW EVALUATION.
18. ADDITIONAL FLIGHT DATA: CHANGED 7:1 OBSTACLE CHART NOTE FROM "CHART 1100 WATER TWR 383421N/0833932W." TO "1025 TRANSMISSION LINE 383319N/0834044W. - NEW EVALUATION.
19. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP AT FROM "0.85 NM TO RW25" TO "0.97 NM TO RW25". - OBSTACLE WERE REMOVED DURING CONSTRUCTION.
20. MINIMUMS: LPV DA/HAT ALL CAT LOWERED FROM "1163/250" TO "1113/200" AND VISIBILITY LOWERED ALL CAT FROM "1 SM" TO "3/4 SM" - NEW EVALUATION WITH NEW SURVEY.
21. MINIMUMS: LNAV/VNAV DA/HAT ALL CAT LOWERED FROM "1217/304" TO "1163/250" AND VISIBILITY LOWERED ALL CAT FROM "1 SM" TO "3/4 SM" - NEW EVALUATION WITH NEW SURVEY.
22. MINIMUMS: LNAV MDA/HAT ALL CAT LOWERED FROM "1280/367" TO "1260/347" AND VISIBILITY LOWERED CAT D FROM "1 1/4 SM" TO "1 SM" - NEW EVALUATION WITH NEW SURVEY.
23. MINIMUMS: CIRCLING MDA/HAA CAT A LOWERED FROM "1360/447" TO "1320/407" AND VISIBILITY LOWERED ALL CAT FROM "1 SM" TO "3/4 SM" - NEW EVALUATION WITH NEW SURVEY.
24. CRC REMAINDER CHANGED FROM "B1F7A458" TO "E605109F" - LTP/FTP LATITUDE FROM "383240.1240N" TO "383239.3625N", LTP/FTP LONGITUDE FROM "0834407.1415W" TO "0834409.4485W", LTP/FTP ELLIPSOIDAL HEIGHT FROM "+02441" TO "+02444", FPAP LATITUDE FROM "383205.5400N" TO "383204.7825N", FPAP LONGITUDE FROM "0834551.8200W" TO "0834554.1260W", VERTICAL ALERT LIMIT FROM "50.0" TO "35.0", LTP ORTHOMETRIC HEIGHT FROM "+02773" TO "+02776" AND FPAP ORTHOMETRIC HEIGHT FROM "+02773" TO "+02776.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZID, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by
CASIMIR L TABAKA
Aug 11, 2023

OFFICE

DATE

DEVELOPED BY

CHRISTOPHER SCHONES

Digitally signed by
CHRISTOPHER SCHONES
Aug 02, 2023

OFFICE

AJV-A432

DATE

07/06/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Aug 11, 2023

OFFICE

AJV-A432

DATE

11/30/2023

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFGX
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	383239.3625N
LTP/FTP LONGITUDE	0834409.4485W
LTP/FTP ELLIPSOIDAL HEIGHT	+02444
FPAP LATITUDE	383204.7825N
FPAP LONGITUDE	0834554.1260W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E605109F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02776
FPAP ORTHOMETRIC HEIGHT	+02776

