

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 7 | <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SUPERSEDED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 7 | <u>ORIGINAL/AMENDMENT</u> ORIG-B | <u>DATED</u> 07/18/2019 | <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

| <u>FROM</u> | <u>FIX TYPE</u> | <u>TO</u> | <u>FIX TYPE</u> | <u>ALTITUDE</u> |
|---------------------|------------------------|------------------|------------------------|------------------------|
| 1. 342/30 CW 162/30 | NOPT | DIKRY | IF/IAF | 3000 |
| 2. 162/30 CW 252/30 | | DOTRY | IAF | 3000 |
| 3. 252/30 CW 342/30 | | ITIMY | IAF | 3600 |

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> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| DOTRY | IAF | DIKRY | NOPT | TF | FB | 1.00 | 162.01 | 7.00 | 3000 |
| ITIMY | IAF | DIKRY | NOPT | TF | FB | 1.00 | 342.09 | 7.00 | 3000 |
| DIKRY | IF/IAF | URZUK | | TF | FB | 1.00 | 072.06 | 6.82 | 2800 |
| URZUK | FAF | FALAX/2.70 NM TO RW07 | | TF | FB | 0.30 | 072.12 | 3.13 | |
| FALAX/2.70 NM TO RW07 | | RW07 | MAP | TF | FO | 0.30 | 072.12 | 2.70 | |
| RW07 | MAP | 1163 MSL | | CA | | | 072.12 | | |
| 1163 MSL | | BUMRY | | DF | FO | 1.00 | | | 3500 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT BUMRY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

| | | | | | |
|---|----------------|--------------------|-----------------------|---------------|------------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD W DIKRY, RT, 072.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 10000. | | | | | |
| 3. FAC: | 072.12 | FAF: URZUK | DIST FAF TO MAP: 5.83 | | DIST FAF TO THLD: 5.83 |
| 4. MIN ALT: DIKRY 3000, URZUK 2800, FALAX/2.70 NM TO RW07 1800 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 250 HAT: 0.68 | GS ANT: |
| 6. MIN GP INCPT: | 2800 | GP ALT AT PFAF : | URZUK 2800 | OM: | MM: |
| 7. GP ANGLE: | 3.00 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 40.0 | IM: |
| 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: RWY 7 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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE LPV DA TO 1290 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1327 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 252.27 INBOUND.
FAS OBST: 1019 TREE 383137N/0834547W.
CHART VDP AT 1.05 NM TO RW07.
WAAS CHANNEL # 56312
REFERENCE PATH ID: W07A
LTP HAE: 242.6 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 | 1163 | 3/4 | 250 | 1163 | 3/4 | 250 | 1163 | 3/4 | 250 | 1163 | 3/4 | 250 | | | |
| LNAV/VNAV DA | 1200 | 7/8 | 287 | 1200 | 7/8 | 287 | 1200 | 7/8 | 287 | 1200 | 7/8 | 287 | | | |
| LNAV MDA | 1280 | 1 | 367 | 1280 | 1 | 367 | 1280 | 1 | 367 | 1280 | 1 | 367 | | | |

CHANGES - REASONS

1. TERMINAL ROUTE: CHANGED INTIAL LEG DOTRY TO DIKRY COURSE/DISTANCE FROM "162.02/6.00" TO "162.01/7.00". - FIX DOTRY MOVED 1NM NORTHWEST.
2. TERMINAL ROUTE: CHANGED INITIAL LEG ITIMY TO DIKRY COURSE/DISTANCE FROM "342.08/6.00" TO "342.09/7.00". - FIX ITIMY MOVED 1NM SOUTHEAST.
3. TERMINAL ROUTE: CHANGED INTERMEDIATE LEG DIKRY TO URZUK RNP/COURSE/DISTANCE FROM "0.50/072.05/7.00" TO "1.00/172.06/6.82". - RNP VALUE CHANGED IAW 8260.58, COURSE AND DISTANCE CHANGED BECAUSE PFAF FIX LOCATION MOVED.
4. TERMINAL ROUTE: CHANGED FINAL LNAV LEG URZUK TO FALAX COURSE/DISTANCE FROM "072.13/3.03" TO "072.12/3.13". - PFAF AND STEPDOWN FIX MOVED LOCATION DUE TO NEW RWY CONSTRUCTION.
5. TERMINAL ROUTE: CHANGED FINAL LNAV LEG FALAX TO RWY 7 COURSE FROM "072.13" TO "072.12". - PFAF AND STEPDOWN FIX MOVED LOCATION DUE TO NEW RWY CONSTRUCTION.
6. PROFILE LINE 3: UPDATED FAC FROM "072.13" TO "072.12" AND DIST FAF TO MAP/THLD FROM "5.73" TO "5.83" - UPDATED PFAF LOCATION.
7. UPDATED PBN REQUIREMENT NOTE: FROM "RNP APCH" TO "RNP APCH - GPS". IAW 8260.19 8-6-8.B.
8. CHART NOTE: UPDATED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 47°C. " TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C. " - IAW 8260.58
9. CHART PROFILE NOTE: REMOVED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - VGSI AND GLIDEPATH NOW COINCIDENT.
10. CHART NOTE: UPDATED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING: INCREASE LPV DA TO 1290 AND ALL VISIBILITIES 1/4 SM; INCREASE LNAV/VNAV DA TO 1383 FEET AND ALL VISIBILITIES 1/2 SM; INCREASE ALL MDA 140 FEET AND LNAV CAT C VISIBILITY 1/4 SM AND CAT D 1/2 SM." TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE LPV DA TO 1290 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1327 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM." - NEW EVALUATION.
11. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 1019 TREE 383121N/0834723W, 941 TREE 383226N/0834508W." TO "FAS OBST: 1019 TREE 83137N/0834547W." - NEW MAP STUDY AND EVALUATION.
12. ADDITIONAL FLIGHT DATA: REMOVED 7:1 OBSTACLE "CHART 1295 TOWER 382950N/0835053W. CHART 1039 TREE 383109N-0834752W, 1100 WATER TOWER 383051N/0834858W."- 7:1 NO LONGER NEEDS TO BE APPLIED.
13. ADDITIONAL FLIGHT DATA: CHANGED CHART VDP FROM "1.24 NM TO RW07 " TO "1.05 NM TO RW07". - OBSTACLES WERE REMOVED DURING CONSTRUCTION.
14. MINIMUMS: LPV VISIBILITY LOWERED ALL CAT FROM "1 SM" TO "3/4 SM" - NEW EVALUATION WITH NEW SURVEY.
15. MINIMUMS: LNAV/VNAV DA/HAT ALL CAT LOWERED FROM "1256/343" TO "1200/287" AND VISIBILITY LOWERED ALL CAT FROM "1 1/4 SM" TO "7/8 SM" - NEW EVALUATION WITH NEW SURVEY.
16. MINIMUMS: LNAV MDA/HAT ALL CAT LOWERED FROM "1320/407" TO "1280/367" AND VISIBILITY LOWERED CAT C/D FROM "1 1/4 SM" TO "1 SM" - NEW EVALUATION WITH NEW SURVEY.
17. ADDITIONAL FLIGHT DATA: REMOVED CHART NOTE " *LNAV ONLY. - NO LONGER REQUIRED BY CRITERIA.
18. PROFILE LINE 7: ADDED 20:1 " IS CLEAR." - IAW 8260.19 8-6-7.G.
19. 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 8260.19.8-6-9.3(9)
20. PROFILE LINE 2: ADDED "MAX 10000. " - IAW 8260.19 8-6-7.B.
21. ADDITIONAL FLIGHT DATA: UPDATED INBOUND HOLDING FROM "252.36" TO "252.27" - NEW EVALUATION.
22. CRC REMAINDER CHANGED FROM "4FFD03E7" TO "F46C5BAB" - LTP/FTP LATITUDE FROM "383222.1070N" TO "383220.1950N", LTP/FTP LONGITUDE FROM "0834501.6955W" TO "0834507.4835W", LTP/FTP ELLIPSOIDAL HEIGHT FROM "+02427" TO "+02426", FPAP LATITUDE FROM "383256.6600N" TO "383254.7635N", FPAP LONGITUDE FROM "0834317.0000W" TO "0834322.7930W", LENGTH OFFSET FROM "1320" TO "1224, LTP ORTHOMETRIC HEIGHT FROM "+02759" TO "+02758" AND FPAP ORTHOMETRIC HEIGHT FROM "+02759" TO "+02758".

QUALITY
34
CHECKED

AIRPORT ID
KFGX

PROCEDURE NAME
RNAV (GPS) RWY 7

ORIGINAL/AMENDMENT
1

CITY
FLEMINGSBURG

STATE
KY

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

DEVELOPED BY

CHRISTOPHER SCHONES

Digitally signed by

CHRISTOPHER SCHONES

Aug 02, 2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by

ERIC N SUSKI

Aug 11, 2023

Digitally signed by

CASIMIR L TABAKA

Aug 11, 2023

OFFICE

OFFICE

AJV-A432

OFFICE

AJV-A432

DATE

DATE

07/06/2023

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 | RW07 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W07A |
| LTP/FTP LATITUDE | 383220.1950N |
| LTP/FTP LONGITUDE | 0834507.4835W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +02426 |
| FPAP LATITUDE | 383254.7635N |
| FPAP LONGITUDE | 0834322.7930W |
| 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) | 50.0 |
| | |
| CRC REMAINDER | F46C5BAB |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K5 |
| LTP ORTHOMETRIC HEIGHT | +02758 |
| FPAP ORTHOMETRIC HEIGHT | +02758 |