

**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> KLMS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> LOUISVILLE	<u>STATE</u> MS		
<u>AIRPORT ELEVATION</u> 575	<u>TDZE</u> 575	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 02/04/2016	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 260/30 CW 080/30	NOPT	ZIRIB	IF/IAF	2800
2. 080/30 CW 260/30		ZIRIB	IF/IAF	2800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZIRIB	IF/IAF	AGUBY		TF	FB	1.00	350.02	7.02	2400
AGUBY	FAF	RW35	MAP	TF	FO	0.30	350.00	5.62	
RW35	MAP	859 MSL		CA			350.00		
859 MSL		AKRMN		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT AKRMN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S ZIRIB, RT, 350.01 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 350.00FAF: AGUBYDIST FAF TO MAP: 5.62DIST FAF TO THLD: 5.62

4. MIN ALT: ZIRIB 2800, AGUBY 2400

5. DIST TO THLD FROM OM:MM:IM:150 HAT:284 HAT: 0.77GS ANT:

6. MIN GP INCPT: 2400GP ALT AT PFAF : AGUBY 2400OM: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 35 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.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 169.97 INBOUND.
CHART FAS OBST: 951 TOWER (28-001221) 330646N/0890253W.
CHART VDP AT 1.90 NM TO RW35.
WAAS CHANNEL # 53335
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 146.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	859	1	284	859	1	284	859	1	284	859	1	284			
LNAV/VNAV DA	1220	1 7/8	645	1220	1 7/8	645	1220	1 7/8	645	1220	1 7/8	645			
LNAV MDA	1220	1	645	1220	1	645	1220	1 7/8	645	1220	1 7/8	645			
CIRCLING	1220	1	645	1260	1	685	1260	2	685	1260	2 1/4	685			



CHANGES - REASONS

1. CHANGED AIRPORT ELEVATION AND TDZE FROM 574 TO 575 - NEW SURVEY.
2. CHANGED AGUBY TO RW35 DISTANCE FROM 5.65 TO 5.62 IN TERMINAL ROUTES - NEW SURVEY/151 FOOT EXTENSION ADDED TO RWY 35 APPROACH END/PFAF MOVED 36.19 FEET NORTH.
3. CHANGED CLIMB ALTITUDE FROM 889 TO 859 IN TERMINAL ROUTES - 8260.3E, CHAPTER 3 VISIBILITIES/NEW LOCAL AWOS/NEW LPV CONTROLLING OBSTACLE.
4. ADDED MAX HOLDING ALTITUDE 6000 TO HIL PATTERN ON LINE 2 - REQUIRED DOCUMENTATION PER FAAO 8260.19I, PARA 8-6-7B(2) CRITERIA.
5. CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.65 TO 5.62 ON LINE 3 - NEW SURVEY/151 FOOT EXTENSION ADDED TO RWY 35 APPROACH END/PFAF MOVED 36.19 FEET NORTH.
6. CHANGED "DIST TO THLD FROM 315 HAT: 0.90 NM" TO "DIST TO THLD FROM 284 HAT: 0.77" ON LINE 5 - LOWER MINIMUMS DUE TO NEW LOCAL AWOS.
7. ADDED "20:1: IS CLEAR" TO LINE 7 - REQUIRED DOCUMENTATION PER FAAO 8260.19I, PARA 8-6-7G(3)(A).
8. ADDED "RNP APCH - GPS" TO PBN REQUIRMENTS NOTE SECTION - REQUIRED DOCUMENTATION PER FAAO 8260.19I, PARA 8-6-8B(2) CRITERIA.
9. CHANGED "CHART NOTE: BARO-VNAV NA" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GEORGE M BRYAN ALTIMETER SETTING" AND MOVED FROM 8260-3 TO 8260-9 GENERAL REMARKS SECTION - NEW LOCAL AWOS/BARO-VNAV NOW AUTHORIZED/DOCUMENTED FOR CONTINGENCY PURPOSES PER FAAO 8260.19I, PARA 8-6-9E(8) AND (9) CRITERIA.
10. REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" FROM NOTES SECTION - NO LONGER REQUIRED.
11. REMOVED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET})" - VGSI ANGLE/TCH CHANGED FROM 3.75/52 TO 3.00/40.
12. UPDATED BACKUP ALTIMETER SOURCE CHART NOTE AND MOVED FROM 8260-3 TO 8260-9 GENERAL REMARKS SECTION - DOCUMENTED FOR CONTINGENCY PURPOSES PER FAAO 8260.19I, PARA 8-6-9F(3) CRITERIA.
13. CHANGED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 20:1 PENETRATIONS FOR RWY 35 REMOVED.
14. ADDED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - ON AIRPORT AWOS/REQUIRED DOCUMENTATION PER FAAO 8260.19I, PARA 8-6-9R CRITERIA.
15. REMOVED "CHART PHILADELPHIA MUNI AWOS-3" - NO LONGER REQUIRED/NEW LOCAL AWOS.
16. ADDED VDP - NEW LOCAL AWOS/20:1 PENETRATIONS REMOVED.
17. CHANGED LTP HAE FROM 143.2 TO 146.2 - NEW SURVEY.
18. ADDED "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINIMUMS - NEW LOCAL AWOS/REQUIRED DOCUMENTATION PER FAAO 8260.19I, IMPLEMENTATION MEMO, ATTACHMENT 4, PARA 5B(1) CRITERIA.
19. CHANGED LPV DA/HAT ALL CATS FROM 889/315 TO 859/284 AND LPV VISIBILITY ALL CATS FROM 1 1/8 TO 1 - 8260.3E, CHAPTER 3 VISIBILITIES/NEW LOCAL AWOS/NEW CONTROLLING OBSTACLE.
20. CHANGED LNAV/VNAV DA/HAT FROM 1367/793 TO 1220/645 AND LNAV/VNAV VISIBILITY ALL CATS FROM 3 TO 1 7/8 - 8260.3E, CHAPTER 3 VISIBILITIES/8260.58B, 3-3-5/NEW LOCAL AWOS.
21. CHANGED LNAV MDA/HAT FROM 1280/706 TO 1220/645 AND LNAV VISIBILITY CATS C/D FROM 2 TO 1 7/8 - 8260.3E, CHAPTER 3 VISIBILITIES/NEW LOCAL AWOS.
22. CHANGED CIRCLING CMDA/HAA CAT A FROM 1280/706 TO 1220/645, CIRCLING CMDA/HAA CAT B FROM 1320/746 TO 1260/685, AND CIRCLING CMDA/HAA CATS C/D FROM 1380/806 TO 1260/685 - NEW LOCAL AWOS/NEW SURVEY FOR CAT C/D CONTROLLING OBSTACLE.
23. CHANGED CIRCLING VISIBILITY CAT C FROM 2 1/4 TO 2 AND CIRCLING VISIBILITY CAT D FROM 2 1/2 TO 2 1/4 - 8260.3E, CHAPTER 3 VISIBILITIES/NEW LOCAL AWOS/NEW SURVEY FOR CAT C/D CONTROLLING OBSTACLE.
24. CHANGED LTP LATITUDE FROM 330824.2835N TO 330822.8120N - NEW SURVEY DATED 4/17/2021.
25. CHANGED LTP LONGITUDE FROM 0890340.3395W TO 0890340.0395W - NEW SURVEY DATED 4/17/2021.
26. CHANGED LTP ELLIPSOIDAL HEIGHT FROM +01432 TO +01462 - NEW SURVEY DATED 4/17/2021.
27. CHANGED FPAP LATITUDE FROM 330952.1950N TO 330950.7220N AND FPAP LONGITUDE FROM 0890358.7890W TO 0890358.4975W - NEW SURVEY DATED 4/17/2021.
28. CHANGED LENGTH OFFSET FROM 1376 TO 1328 - NEW RUNWAY SURVEY DATED 4/17/2021/APPROACH END OF RUNWAY EXTENDED.
29. CHANGED CRC REMAINDER FROM 79B4D957 TO 16D1C822 - NEW SURVEY DATED 4/17/2021.
30. CHANGED LTP ORTHOMETRIC HEIGHT FROM +01713 TO +01743 - NEW SURVEY DATED 4/17/2021.
31. CHANGED FPAP ORTHOMETRIC HEIGHT FROM +01713 TO +01743 - NEW SURVEY DATED 4/17/2021.

COORDINATED WITH:

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

*Digitally signed by***FLIGHT CHECKED BY**

JEFFREY J SCORSE

ALLAN WILL

Sep 26, 2022

OFFICE

FPO

DATE

09/23/2022

DEVELOPED BYMICHAEL R. GARRITY JR. **MICHAEL GARRITY***Digitally signed by*

Aug 23, 2022

OFFICE

AJV-A423

DATE

06/30/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Sep 26, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER
QUALITY
8
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLMS
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	330822.8120N
LTP/FTP LONGITUDE	0890340.0395W
LTP/FTP ELLIPSOIDAL HEIGHT	+01462
FPAP LATITUDE	330950.7220N
FPAP LONGITUDE	0890358.4975W
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	1328
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	060E2E67

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01743
FPAP ORTHOMETRIC HEIGHT	+01743

