

**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> 8GK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SPARTA	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 830	<u>TDZE</u> 824	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u> 6W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2030
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 152/30 CW 332/30	NOPT	152/15 CW 332/15		2900
2. 152/15 CW 332/15		DANRE	IF/IAF	2500
3. 332/30 CW 062/30		EANIE	IAF	2600
4. 062/30 CW 152/30		FABMO	IAF	2500

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>
FABMO	IAF	DANRE	NOPT	TF	FB	1.00	152.05	7.00	2500
EANIE	IAF	DANRE	NOPT	TF	FB	1.00	332.15	7.00	2500
DANRE	IF/IAF	CETAL		TF	FB	1.00	242.10	5.00	2500
CETAL	FAF	RW24	MAP	TF	FO	0.30	242.05	5.12	
RW24	MAP	1300 MSL		CA			242.05		1300
1300 MSL		NERVE		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 2800 DIRECT NERVE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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PROCEDURE NAME
RNAV (GPS) RWY 24

ORIGINAL/AMENDMENT
ORIG

CITY
SPARTA

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KY

PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD NE DANRE, LT, 242.10 INBOUND, 2500 IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 242.05 **FAF:** CETAL **DIST FAF TO MAP:** 5.12 **DIST FAF TO THLD:** 5.12
- 4. **MIN ALT:** DANRE 2500, CETAL 2500
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** **GP ALT AT FAF:**
- 7. **GP ANGLE:** **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** **OM:** **MM:** **IM:**
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: VDP NA WHEN USING IMS ALTIMETER SETTING.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMS ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

CETAL TO RW24 3.00/55
 HOLD SE, LT, 328.29 INBOUND.
 CHART FAS OBST: 1148 TOWER (21-001761) 384212N/0845422W.
 CHART VDP AT 1.84 NM TO RW24.

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
LNAV MDA	1460	1	636	1460	1	636	1460	1 3/4	636		NA					
CIRCLING	1460	1	630	1500	1	670	1500	1 3/4	670		NA					

CHANGES - REASONS



AIRPORT ID
8GK

PROCEDURE NAME
RNAV (GPS) RWY 24

ORIGINAL/AMENDMENT
ORIG

CITY
SPARTA

STATE
KY

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZID ARTCC, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

BRITNEY ARMENTROUT

OFFICE

AJV-A422

DATE

01/15/2026

APPROVED BY

RAKE MCGRAW

OFFICE

AJV-A422

DATE

TITLE

MANAGER

QUALITY
37
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> 8GK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>AMDT NO.</u> ORIG	<u>CITY</u> SPARTA	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 830	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 152/30 CW 332/30 **TO** 152/15 CW 332/15

RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001892)	391159.60N/0843121.60W	1849	250	50	4D	1000					2900
TERRAIN	391227.00N/0850309.00W	1026 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 152/15 CW 332/15 **TO** DANRE

RNP DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-022430)	384119.00N/0843507.00W	1437	50	3	2A	1000					2500
TERRAIN	383945.00N/0843445.00W	994 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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KY

AIRPORT ELEVATION
830

FACILITY
RNAV

LEFT BASE AREA

FROM
332/30 CW 062/30

TO
EANIE

RNP DISTANCE PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (21-000235)	383132.00N/0844839.00W	1559	50	20	2C	1000					2600
TERRAIN	382051.00N/0843242.00W	1069 (1100)								AS1500	2600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM
062/30 CW 152/30

TO
FABMO

RNP DISTANCE PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
STACK (18-000153)	384418.00N/0852507.00W	1449	500	50	5D	1000					2500
TERRAIN	391112.00N/0851833.00W	1036 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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8GK

PROCEDURE NAME
RNAV (GPS) RWY 24

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ORIG

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STATE
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AIRPORT ELEVATION
830

FACILITY
RNAV

INITIAL

FROM
FABMO

TO
DANRE

RNP
1.00

DISTANCE
7.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (18-000875)	385212.00N/0845100.00W	1212	500	50	5D	1000				AT288	2500
TERRAIN	385130.00N/0845124.00W	875 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
EANIE

TO
DANRE

RNP
1.00

DISTANCE
7.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001155)	384058.45N/0843930.59W	1337	500	125	5E	1000				AT163	2500
TERRAIN	384415.00N/0843933.00W	938 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
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PROCEDURE NAME
RNAV (GPS) RWY 24

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AIRPORT ELEVATION
830

FACILITY
RNAV

INTERMEDIATE

FROM
DANRE (IF/IAF)

TO
CETAL

RNP
1.00

DISTANCE
5.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001790)	384437.00N/0844934.00W	1228	50	20	2C	500				AT772	2500
TERRAIN	384230.00N/0844709.00W	889 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
CETAL

TO
RW24

RNP
0.30

DISTANCE
5.12

PAT

MAP
RW24

HAT
636

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001761)	384212.00N/0845422.00W	1148	250	50	4D	250				AC50	1460

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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AIRPORT ELEVATION
830

FACILITY
RNAV

HOLD-IN-LIEU OF PT

FROM
DANRE **TO**
P-5

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
P-5

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001744)	384546.64N/0843625.12W	1265	50	20	2C	1000					2300
TERRAIN	385306.00N/0843627.00W	967 (1000)								AS1500	2500

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
RW24 **TO**
NERVE

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
0.30-1.00

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2800
AAO	383845.00N/0850318.00W	1129	215	8	4B	1000					2200
TERRAIN	383845.00N/0850321.00W	928 (900)								AS1500	2400

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



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AIRPORT ELEVATION
830

FACILITY
RNAV

CIRCLING ALL CATS CAT A CAT B CAT C CAT D CAT E NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	383927.00N/0845527.00W	1.30	630	967	215	8	4B	300		SI	1460
CATEGORY B											
TOWER (21-001761)	384212.00N/0845422.00W	1.83	670	1148	250	50	4D	300		AC50	1500
CATEGORY C											
TOWER (21-001761)	384212.00N/0845422.00W	2.88	670	1148	250	50	4D	300		AC50	1500

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZID ARTCC, LOUISVILLE FSS

WX SERVICE
AWOS-3P

LOCATION
8GK

HRS OPERATION
24

ALTIMETER SOURCE
8GK

DISTANCE

WMSCR
N

ADJUSTMENTS
0

BACK-UP WX SERVICE
AWOS-3

LOCATION
IMS

HRS OPERATION
24

ALTIMETER SOURCE
IMS

DISTANCE
25.62

WMSCR
Y

ADJUSTMENTS
61

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K8GK 830, KIMS 819
RA = 60.6.

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW06 - REIL, PAPI-4L (PCL)	NPI-G	
RW24 - REIL, PAPI-4R (PCL)	NPI-G	

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
40.0

FINAL APPROACH COURSE AIMING



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FACILITY
RNAV

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100FT VEGETATION USED PER FPT.

PROCEDURE NA AT NIGHT, NO EDGE LIGHTS.

AIRPORT CANNOT SUPPORT VIS LESS THAN 1 SM.

FPT REQUEST NO LPV AND LNAV/VNAV AT THIS TIME.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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AIRPORT ELEVATION
830

FACILITY
RNAV

PART D: AIRSPACE

DOCKET #25-ASO-7

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.12
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	236.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.92
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	236.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	384100.02N/0845517.90W
ARP COORDINATES	384046.20N/0845544.03W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 24 DISTANCE 0.41 NM
FAF COORDINATES	384351.79N/0844952.68W
FIX NAME COORDINATES	

REMARKS

IAF EANIE: 38 40 50.35 N / 084 39 35.25 W, IAF FABMO: 38 52 28.27 N / 084 49 34.31 W, IF/IAF DANRE: 38 46 39.42 N / 084 44 34.38 W.
TAA 30NM RADIUS.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
BRITNEY ARMENTROUT	AJV-A422	01/15/2026	AERONAUTICAL INFORMATION SPECIALIST

