

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> KSJS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> PRESTONSBURG	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 1222	<u>TDZE</u> 1222	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 126/30 CW 306/30	NOPT	126/15 CW 306/15		4800
2. 126/15 CW 306/15		GENCE	IF/IAF	4100
3. 306/30 CW 036/30		306/9 CW 036/9		4800
4. 306/9 CW 036/9		WEVID	IAF	4100
5. 036/30 CW 126/30		ZUSRI	IAF	4100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WEVID	IAF	GENCE	NOPT	TF	FB	1.00	306.25	7.00	4100
ZUSRI	IAF	GENCE	NOPT	TF	FB	1.00	126.09	7.00	4100
GENCE	IF/IAF	COOKC		TF	FB	1.00	216.17	6.00	2800
COOKC	FAF	FIRUR/1.69 NM TO RW21		TF	FB	0.30	216.13	3.14	
FIRUR/1.69 NM TO RW21		RW21	MAP	TF	FO	0.30	216.13	1.69	
RW21	MAP	1472 MSL		CA			216.13		
1472 MSL		KAPLE		DF	FO	1.00			4300



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4300 DIRECT KAPLE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE GENCE, RT, 216.17 INBOUND, 4100 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	216.13	FAF:	COOKC	DIST FAF TO MAP:	4.83
4. MIN ALT:	GENCE 4100, COOKC 2800, FIRUR/1.69 NM TO RW21 1800				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT:	0.66
6. MIN GP INCPT:	2800	GP ALT AT PFAF :	COOKC 2800	OM:	GS ANT:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
8. MSA FROM:		TCH:	40.0	MM:	IM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 3 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD SW, RT, 036.01 INBOUND.
CHART FAS OBST: 1309 TREE (21-065767) 374520N/0823733W.
FAS OBST: 1260 TREE (21-065683) 374529N/0823801W.
CHART VDP AT 0.98 NM TO RW21.
WAAS CHANNEL # 77801
REFERENCE PATH ID: W21A
LTP HAE: 340 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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	1472	3/4	250	1472	3/4	250	1472	3/4	250	1472	3/4	250			
LNAV/VNAV DA	1520	7/8	298	1520	7/8	298	1520	7/8	298	1520	7/8	298			
LNAV MDA	1560	1	338	1560	1	338	1560	1	338	1560	1	338			
CIRCLING	1740	1	518	1740	1	518	1920	2	698	2020	2 1/2	798			

CHANGES - REASONS

1. CHANGED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO READ VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PER PENDING AIRNAV DATA.
2. NOTES: DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 19I.
3. PROFILE LINE 2: ADDED MAX ALTITUDE 6000 - IAW 19I.
4. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 19I.
5. MOVED REMOTE ALTIMETER SETTING ADJUSTMENTS CHART NOTE TO THE BACK OF THE 8260-9 AS A CONTINGENCY NOTE - IAW FAA INITIATIVE TO REDUCE CHART CLUTTER.
6. CHANGED MISSED APPROACH CLEARANCE LIMIT HOLDING COURSE INBOUND FROM 036.03 TO 036.01 - TO MATCH NEW INBOUND HEADING FOR FIX KAPLE.
7. CHANGED TAA FROM A Y TO A T DESIGN - IAW FAA INITIATIVE.
8. CHANGED WEVID INITIAL HEADING/DISTANCE FROM 276.25/5.00 TO 306.25/7.00, CHANGED ZUSRI INITIAL HEADING/DISTANCE FROM 156.16/5.00 TO 126.09/7.00- RELOCATING FIXES TO CREATE THE "T" TAA DESIGN.
9. INTERMEDIATE AND HIL INBOUND COURSE CHANGED FROM 216.19 TO 216.17 AND FINAL COURSE FROM 216.15 TO 216.13 - REALIGNED FIXES DUE TO RWY EXTENSION AND NEW AIRNAV ALIGNMENT DATA.
10. CRC REMAINDER CHANGED FROM 6BE74585 TO 14094D02 - UPDATED VALUES.
11. FPAP CHANGED FROM 374408.4545N/0823854.0405W TO 374408.0275N/0823854.3265W - NEW AIRNAV DATA.
12. ELLIPSOIDAL HEIGHT CHANGED FROM +03399 TO +03340 - NEW AIRNAV DATA.
13. UPDATED LTP FROM 374524.8240N/0823755.9900W TO 374524.4155N/0823756.3145W - NEW AIRNAV RWY DATA.
14. AIRPORT AND TDZE CHANGED FROM 1221 TO 1222 - NEW AIRNAV DATA.
15. LPV DA CHANGED FROM 1471 TO 1472 - NEW TDZE ELEVATION.
16. LNAV/VNAV DA/HAT CHANGED FROM 1739/518 TO 1520/298 - NEW SURVEY AND OBSTACLE EVALUATION.
17. ADDED LNAV STEPDOWN FIX FIRUR WITH CROSSING ALTITUDE OF 1800, AND LOWERED MDA/HAT FROM 1700/479 TO 1560/338 - FPT/ATC DESIRED TO GAIN LOWEST POSSIBLE MDA.
18. MOVED VDP FROM 1.4 NMM TO .98 NM - NEW CALCULATION DUE TO LOWERING OF MDA.
19. MOVED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING JACKSON ALTIMETER SETTING TO BACK OF THE 8260-9 AS A CONTINGENCY NOTE - FAA INITIATIVE.
20. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 54°C (130°F) TO READ "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C - FAHRENHEIT VALUES NO LONGER USED.
21. REMOVED NOPT FROM THE LEFT AND RIGHT TAA BASES - NO LONGER REQUIRED CHARTING FOR TAA BASES.
22. CHANGED NOTE: CIRCLING TO RWY 3 NA AT NIGHT TO READ "CIRCLING RWY 3 NA AT NIGHT" - UPDATED FORMAT IAW 8260.19I PARA 8-6-11O2(G).



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER: ZID ARTCC, HTS APP CON, LOU FSS, AMGR.

FLIGHT CHECKED BY

JAMES L REINEBOLD

Digitally signed by

RAKE MCGRAW

Oct 23, 2023

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RAKE MCGRAW

Oct 23, 2023

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RAKE MCGRAW

Oct 23, 2023

OFFICE

FPO

DATE

07/12/2023

OFFICE

AJV-A423

DATE

12/21/2022

OFFICE

AJV-A423

DATE

TITLE

MANAGER

DEVELOPED BY

JOHN LINDSEY

APPROVED BY

RAKE MCGRAW



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSJS
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	374524.4155N
LTP/FTP LONGITUDE	0823756.3145W
LTP/FTP ELLIPSOIDAL HEIGHT	+03400
FPAP LATITUDE	374408.0275N
FPAP LONGITUDE	0823854.3265W
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	14094D02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03723
FPAP ORTHOMETRIC HEIGHT	+03723

