

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SUPERSEDED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>	<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		DIST FAF TO THLD: 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	GS ANT:
6. MIN GP INCPT:	2800	GP ALT AT PFAF :	COOKC 2800	OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0	IM:
8. MSA FROM:					

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

Digitally signed by

RAKE MCGRAW

Oct 23, 2023

Digitally signed by

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



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

<u>AIRPORT ID</u> KSJS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>AMDT NO.</u> 3	<u>CITY</u> PRESTONSBURG	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 1222	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 126/30 CW 306/30 TO 126/15 CW 306/15

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<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 (54-000309)	373825.55N/0815936.31W	2754	250	50	4D	2000					4800
												TERRAIN	374003.00N/0815848.00W	2496 (2500)								AS1500	4000

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 126/15 CW 306/15 TO GENCE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<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 (54-001133)	375223.91N/0820937.52W	2070	250	50	4D	2000					4100
												TERRAIN	375209.00N/0821233.00W	1866 (1900)								AS1500	3400

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

306/30 CW 036/30

TO

306/9 CW 036/9

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (54-000309)	373825.55N/0815936.31W	2754	250	50	4D	2000					4800
TERRAIN	373827.00N/0815936.00W	2490 (2500)								AS1500	4000

COMPUTATIONS

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

LEFT BASE AREA

FROM

306/9 CW 036/9

TO

WEVID

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	374348.00N/0821500.00W	2025	164	98	4E	2000					4100
TERRAIN	374333.00N/0821709.00W	1745 (1700)								AS1500	3200

COMPUTATIONS

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



RIGHT BASE AREA

FROM

036/30 CW 126/30

TO

ZUSRI

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-000325)	373446.00N/0824308.00W		2062	500	125	5E	2000					4100
TERRAIN	373330.00N/0825015.00W		1578 (1600)								AS1500	3100

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

INITIAL

FROM

WEVID

TO

GENCE

<u>RNP</u>	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<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>
AAO	375151.00N/0822133.00W		1680	164	98	4E	1000				AT1420	4100
TERRAIN	375227.00N/0822218.00W		1427 (1400)								AS1500	2900

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



INITIAL

FROM

ZUSRI

TO

GENCE

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	7.00											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
TOWER (21-020414)	375523.60N/0823448.20W	1428	20	3	1A	1000				AT1672	4100	
TERRAIN	375745.00N/0823518.00W	1181 (1200)								AS1500	2700	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

GENCE (IF/IAF)

TO

COOKC

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	6.00											
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
AAO	375336.00N/0823109.00W	1421	50	20	2C	500				AT879	2800	
TERRAIN	375336.00N/0823109.00W	1221 (1200)								AS1500	2700	

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM
COOKC

TO
RW21

<u>RNP</u>	<u>DISTANCE</u> 4.83	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250			<u>HMAS</u>					
<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>
TREE (21-065683)	374528.93N/0823800.59W		1260	20	3	1A		34.00:1			SA-32	1472

COMPUTATIONS

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

FINAL: LNAV/VNAV

FROM
COOKC

TO
RW21

<u>RNP</u>	<u>DISTANCE</u> 4.83	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 298			<u>HMAS</u>					
<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>
								ASC			MA48	1520

COMPUTATIONS

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



FINAL: LNAV

FROM

COOKC

TO

FIRUR/1.69 NM TO RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	3.14											
<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>
AAO	374813.51N/0823545.84W		1439	50	20	2C	250				RA100	1800

COMPUTATIONS

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

FINAL: LNAV STEPDOWN

FROM

FIRUR/1.69 NM TO RW21

TO

RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	1.69		RW21	338								
<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>
TREE (21-065767)	374519.81N/0823732.58W		1309	20	3	1A	250					1560

COMPUTATIONS

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



HOLD-IN-LIEU OF PT

FROM
GENCE

TO
P-6

RNP	DISTANCE	PAT P-6	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (54-000190)	380030.00N/0822414.00W		1649	500	125	5E	1000				AT1451	4100
TERRAIN	375630.00N/0822345.00W		1391 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM
DA

TO
KAPLE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1285					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4300
7.TOWER (21-000325)	373446.00N/0824308.00W		2062	500	125	5E	1000					3100
TERRAIN	373657.00N/0824206.00W		1477 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

KAPLE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
								1359				
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	374547.93N/0823837.88W		1339	50	20	2C		ASC				4300
7.TOWER (21-000325)	373446.00N/0824308.00W		2062	500	125	5E	1000					3100
TERRAIN	373657.00N/0824206.00W		1477 (1500)								AS1500	3000

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

MISSED APPROACH : LNAV

FROM

RW21

TO

KAPLE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
								1460				
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4300
7.TOWER (21-000325)	373446.00N/0824308.00W		2062	500	125	5E	1000					3100
TERRAIN	373657.00N/0824206.00W		1477 (1500)								AS1500	3000

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



AIRPORT ID

KSJS

PROCEDURE NAME

RNAV (GPS) RWY 21

AMDT NO.

3

CITY

PRESTONSBURG

STATE

KY

AIRPORT ELEVATION

1222

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											
TERRAIN (21-066058)	374408.28N/0823808.60W	1.31	518	1421	20	3	1A	300			1740
CATEGORY B											
TERRAIN (21-066058)	374408.28N/0823808.60W	1.85	518	1421	20	3	1A	300			1740
CATEGORY C											
TREE (21-024004)	374348.03N/0823553.83W	2.91	698	1619	50	20	2C	300			1920
CATEGORY D											
AAO	374301.81N/0823446.77W	3.80	798	1719	50	20	2C	300			2020

CIRCLING REMARKS:

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

INTERMEDIATE OBS RETAINED FROM PREVIOUS REVISION.

QUALITY
20
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
LOU FSS, HTS APP CON

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KSJS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSJS	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KJKL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KJKL	<u>DISTANCE</u> 33.76	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 100

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KSJS 1222, KJKL 1381
RA = 100

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW03 - MIRL (PCL), REIL (PCL), PAPI-2L		NPI-G	
RW21 - MIRL (PCL), REIL (PCL), PAPI-2L		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1221.5	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 25.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	49
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -17C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -17C	<u>APT ISA</u> +12.58C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 972 HIGH TEMP 1282.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLE RWY 3		
20:1			
1206 TREE (21-065990) 374438.13N/0823833.87W (17.61)		1247 POLE (21-065966) 374431.25N/0823839.45W (17.24)	
1252 POLE (21-065965) 374429.85N/0823839.76W (15.53)		1260 TREE (21-023130) 374427.51N/0823840.20W (12.49)	
1184 TREE (21-066061) 374438.68N/0823828.63W (8.86)		1181 TREE (21-065659) 374438.41N/0823828.14W (5.71)	
1179 TREE (21-065862) 374439.45N/0823829.94W (4.48)		1268 TREE (21-024636) 374424.75N/0823842.37W (4.03)	
1272 TREE (21-023128) 374423.78N/0823842.55W (3.46)		1233 TREE (21-065803) 374429.57N/0823836.15W (2.81)	
1177 TREE (21-065686) 374438.94N/0823829.41W (1.37)		1193 TREE (21-065858) 374437.74N/0823834.67W (1.26)	
1197 TREE (21-071564) 374437.38N/0823835.95W (1.05)			

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.

100 FT VEGETATION HEIGHT USED PER FPT CHECKLIST.

CONTINGENCY NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON ALTIMETER SETTING AND INCREASE LPV DA TO 1572 FEET AND ALL VISIBILITIES 1/4 SM, INCREASE LNAV/VNAV DA TO 1620 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CATS C/D 1/4 SM, AND INCREASE CIRCLING VISIBILITY CAT C/D VISIBILITY 1/2 SM.

CONTINGENCY NOTE: CHART NOTE: BARO-VNAV AND VDP NA WHEN USING JACKSON ALTIMETER SETTING.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

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	3.26
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	211.13
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	4.83
WIDTH OF		SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF		SEGMENT CONTAINING 1500FT POINT	211.13
HIGH TERRAIN IN		SEGMENT CONTAINING 1500FT POINT	1300

THRESHOLD
COORDINATES
(IF STR-IN) 374524.42N/0823756.31W

ARP COORDINATES 374503.46N/0823812.23W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP RUNWAY 3 DISTANCE 0.42 NM

FAF
COORDINATES 374932.86N/0823447.36W

FIX NAME
COORDINATES

REMARKS
NO ADDITIONAL AIRSPACE REQUIRED
THLD DISPLACED 49FT, ACTUAL COORDINATES: 374524.83N/0823755.99W.



PART E: PREPARED BY

NAME JOHN LINDSEY	OFFICE AJV-A423	DATE 12/21/2022	TITLE AERONAUTICAL INFORMATION SPECIALIST
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