

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
JARUG (IAF)	HILAM (NOPT) (FB)	314.85 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 3000 DIRECT ACEDI AND HOLD.											
CICAB (IAF)	HILAM (NOPT) (FB)	134.75 / 5.00	3000												
HILAM (IF/IAF)	BEFOG (FB)	224.80 / 6.24	2000	ADDITIONAL FLIGHT DATA: HOLD SW, RT, 044.59 INBOUND. CHART FAS OBST: 489 100' TREE 370434N/0884503W CHART FAS OBST: 550 TOWER 370547N/0884235W DISTANCE TO THLD FROM 276 HAT: 0.77 NM. CHART VDP AT 1.16 MILES TO RW22* *LNAV ONLY. WAAS CHANNEL # 49001 REFERENCE PATH ID: W22A LTP HAE: 87.6 M											
BEFOG (FAF)	RW22 (MAP) (FO)	224.74 / 4.86													
RW22 (MAP)	677 MSL	224.74													
677 MSL	ACEDI (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE HILAM, RT, 224.80 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 224.74 FAF: BEFOG DIST FAF TO MAP: 4.86 THLD: 4.86 4. MIN. ALT: HILAM 3000, BEFOG 2000 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2000 GS ALT AT: BEFOG OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 1W EPOCH YEAR: 2005											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @							
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	677	1	276	677	1	276	677	1	276	677	1	276			
LNAV/VNAV DA	789	1 1/2	388	789	1 1/2	388	789	1 1/2	388	789	1 1/2	388			
LNAV MDA	800	1	399	800	1	399	800	1	399	800	1 1/4	399			
CIRCLING	900	1	490	900	1	490	900	1 1/2	490	960	2	550			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MAYFIELD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 410 TDZE: 401		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
PADUCAH, KY		AIRPORT NAME: BARKLEY RGNL				RNAV (GPS) RWY 22, ORIG-B				AMDT: ORIG-A					
						31 MAY 2012				DATED 04/07/2011					

QUALITY
CHECKED

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NOTES, (CONT.):

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MAYFIELD ALTIMETER SETTING AND INCREASE LPV DA TO 739, LNAV/VNAV DA TO 851, AND ALL MDA 80 FEET, AND INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 LNAV/VNAV ALL CATS VISIBILITY TO 1 3/4, LNAV CAT C VISIBILITY TO 1 1/4, CAT D VISIBILITY TO 1 1/2.

CHART NOTE: VDP NA WITH MAYFIELD ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	135/30 CW 315/30 (NOPT)	HILAM (IF/IAF) (FB)	3000
2.	315/30 CW 045/30	JARUG (IAF) (FB)	3000
3.	045/30 CW 135/30	CICAB (IAF) (FB)	3000

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CITY AND STATE PADUCAH, KY	ELEVATION: 410	TDZE: 401	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG-B 31 MAY 2012	SUP:
	AIRPORT NAME: BARKLEY RGNL				AMDT: ORIG-A
					DATED: 04/07/2011

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPAH
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	370358.9865N
LTP/FTP LONGITUDE	0884557.9310W
LTP/FTP ELLIPSOIDAL HEIGHT	+00876
FPAP LATITUDE	370254.4800N
FPAP LONGITUDE	0884714.8300W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FF13EDF5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01160
FPAP ORTHOMETRIC HEIGHT	+01160

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CITY AND STATE
PADUCAH, KY

ELEVATION: 410 TDZE: 401
AIRPORT NAME:
BARKLEY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG-B
31 MAY 2012

SUP:
AMDT: ORIG-A
DATED: 04/07/2011

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-8 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPAHK5FR22	ACICAB	010CICABK5EA0E	A	IF					18000		A	JS
SUSAP	KPAHK5FR22	ACICAB	020HILAMK5EA0EE	B	010TF		13480050	+	03000			A	JS
SUSAP	KPAHK5FR22	AHILAM	010HILAMK5EA0EE	AR	HF		22480070	+	03000	18000		A	JS
SUSAP	KPAHK5FR22	AJARUG	010JARUGK5EA0E	A	IF					18000		A	JS
SUSAP	KPAHK5FR22	AJARUG	020HILAMK5EA0EE	B	010TF		31490050	+	03000			A	JS
SUSAP	KPAHK5FR22	R	010HILAMK5EA0E	I	IF					18000		A	JS
SUSAP	KPAHK5FR22	R	020BEFOGK5EA1E	F	051TF		22480062	+	02000			A	JS
SUSAP	KPAHK5FR22	R	020BEFOGK5EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KPAHK5FR22	R	030RW22 K5PGOGY	M	031TF		22470049		00431	-300		A	JS
SUSAP	KPAHK5FR22	R	040	O	M	CA	2247	+	00677			A	JS
SUSAP	KPAHK5FR22	R	050ACEDIK5EA0EY		DF				03000			A	JS
SUSAP	KPAHK5FR22	R	060ACEDIK5EA0EE	R	HM		04460070	+	03000			A	JS

[illegible][illegible]

CITY AND STATE
PADUCAH, KY

ELEVATION: 410	TDZE: 401
AIRPORT NAME: BARKLEY RGNL	

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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CICAB	CICAB	010	IAF	IF		FB					
	CICAB	HILAM	020		TF		FB	1.0	134.8 (133.8T)	005.0	AA 03000	
	HILAM	HILAM	010	IAF	HF	R	FO		224.8 (223.8T)	007.0	AA 03000	
	JARUG	JARUG	010	IAF	IF		FB					
	JARUG	HILAM	020		TF		FB	1.0	314.9 (313.9T)	005.0	AA 03000	
		HILAM	010	FACF	IF		FB				AA 03000	
		BEFOG	020	FAF	TF		FB	0.5	224.8 (223.8T)	006.2	AA 02000	
		RW22	030	MAP	TF		FO	0.3	224.7 (223.7T)	004.9	AT 00431	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		224.7 (223.7T)		AA 00677	
	ACEDI	050		DF		FO				AA 03000	
	ACEDI	060		HM	R	FO		044.6 (043.6T)	007.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACEDI	N365514.30	W0885621.86	N3655.238	W08856.364
	BEFOG	N370729.94	W0884146.09	N3707.499	W08841.768
	CICAB	N371528.52	W0884053.23	N3715.475	W08840.887
	HILAM	N371200.70	W0883622.00	N3712.012	W08836.367
	JARUG	N370832.71	W0883151.19	N3708.545	W08831.853
	RW22	N370358.99	W0884557.93	N3703.983	W08845.966

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW22	00381		50

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	AIRPORT NAME:			RNAV (GPS) RWY 22, ORIG-B	AMDT: ORIG-A
	BARKLEY RGNL		RNAV	31 MAY 2012	DATED: 04/07/2011