

**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> KPAH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PADUCAH	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 411	<u>TDZE</u> 410	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 09/18/2014	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 231/30 CW 051/30	NOPT	JIPGO	IF/IAF	3000
2. 051/30 CW 231/30		JIPGO	IF/IAF	3000

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-03.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JIPGO	IF/IAF	VUCUC		TF	FB	1.00	320.54	7.08	2000
VUCUC	FAF	YUDNU/2.40 NM TO RW32		TF	FB	0.30	320.48	2.33	
YUDNU/2.40 NM TO RW32		RW32	MAP	TF	FO	0.30	320.48	2.40	
RW32	MAP	757 MSL		CA			320.48		
757 MSL		ZIVAT		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ZIVAT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE JIPGO, RT, 320.54 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 320.48FAF: VUCUCDIST FAF TO MAP: 4.73DIST FAF TO THLD: 4.73

4. MIN ALT: JIPGO 3000, VUCUC 2000, RW32, YUDNU/2.40 NM TO RW32 1240*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:347 HAT: 0.89GS ANT:

6. MIN GP INCPT: 2000GP ALT AT FAF : VUCUC 2000OM:MM:IM:

7. GP ANGLE: 3.0534:1: IS NOT CLEAR20:1: IS CLEARTCH: 58.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°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 NW, RT, 140.33 INBOUND.
CHART FAS OBST: 559 POLE 370243N/0884557W.
CHART VDP AT 1.16 NM TO RW32*
*LNAV ONLY.
WAAS CHANNEL # 61033
REFERENCE PATH ID: W32A
LTP HAE: 96.4 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	757	1	347	757	1	347	757	1	347	757	1	347			
LNAV/VNAV DA	832	1 1/4	422	832	1 1/4	422	832	1 1/4	422	832	1 1/4	422			
LNAV MDA	820	1	410	820	1	410	820	1 1/8	410	820	1 1/8	410			
CIRCLING	900	1	489	900	1	489	920	1 1/2	509	1100	2 1/4	689			



CHANGES - REASONS

1. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH. - 8260.19H, 4-6-10E.
2. DELETED FAHRENHEIT TEMPERATURES FROM THE BARO-VNAV NOTE. - 8260.19H, 8-6-9S.
3. CHANGED GP ANGLE FROM 3.00 TO 3.05. - TO MITIGATE VGS PENETRATIONS.
4. INCORPORATED CHANGES FROM NOTAMS FDC 9/1936.
5. CHANGED CIRCLING CAT A/B CMDA/HAA FROM 880/470 TO 900/489. - INCORPORATE NOTAM FDC 9/1936 AND NEW EVALUATION, AIRPORT ELEVATION CHANGED FROM 410 TO 411 MSL.
6. CHANGED CIRCLING CAT C CMDA/HAA FROM 880/470 TO 920/509. - INCORPORATE NOTAM FDC 9/1936 AND NEW EVALUATION, AIRPORT ELEVATION CHANGED FROM 410 TO 411 MSL.
7. CHANGED CIRCLING CAT D HAA FROM 690 TO 689. - UPDATED AIRNAV DATA (AIRPORT ELEVATION).
8. ADDED PROFILE NOTE: 20:1 IS CLEAR. - TARGETS EVALUATION.
9. CHANGED DISTANCE TO THLD FROM 331 HATH: 0.85 NM TO DISTANCE TO THLD FROM 347 HAT: 0.89 NM. - TARGETS EVALUATION.
10. ADDED CHART VDP: 1.16 NM TO RW32* IN NOTES. - 8260.19H, 8-2-6G.
11. CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM 1 3/8 SM TO 1 1/4 SM. - MINIMUMS CHANGED FROM DA/HAT 831/422 TO 832/422 AND UPDATED VISCHECK CALCULATION.
12. CHANGED LNAV CAT C/D VISIBILITY FROM 1 1/4 SM TO 1 1/8 SM. - MINIMUMS CHANGED FROM MDA/HAT 840/431 TO 820/410 AND UPDATED VISCHECK CALCULATION.
13. REMOVED BACK-UP ALTIMETER NOTES AND MOVED THEM TO -9 AS CONTINGENCY NOTES. - 8260.19H, 8-6-9F3.
14. DELETED CHART NOTE: CIRCLING TO RWY 14 NA AT NIGHT. - UPDATED EVALUATION.
15. CHANGED CHART NOTE: "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 32 HELICOPTER VISIBILITY BELOW 3/4 SM NA". - 20:1 PENETRATIONS REMOVED, 34:1 PENETRATIONS REMAIN.
16. DELETED CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. - EVALUATED NO 20:1 PENETRATIONS.
17. CRC REMAINDER CHANGED FROM D17E5D3E TO 7B938B3E. - GLIDEPATH ANGLE (GPA) CHANGED.
18. ADDED MAX HOLDING 6000 AT JIPGO. - 8260.19H, 8-5-2 I2.
19. UPDATED ALTERNATE MINIMUMS NOTE FROM "STANDARD" TO "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE. - 8260.19H, 8-6-11B4.

01/07/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/17/20.

1. ADDED PROFILE LINE 5 DIST TO THLD FROM 347 HAT 0.89.
2. CHANGED CHART NOTE: "RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED" TO "RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED".

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAJ** ☐ **NBAA** ☒ **OTHER:** ZME, PAH ATCT, AIRPORT MANAGER, EST FPO

FLIGHT CHECKED BY

GEORGE EDWARD SEARLES

Digitally signed by

JON DENTON **OFFICE**
FIOG

DATE
11/10/2020

Jan 08, 2021

DEVELOPED BY

WARDELL HENNING (THOR CORNELL)

Digitally signed by

JON DENTON

OFFICE
AJV-A432

DATE
03/20/2020

Jan 08, 2021

APPROVED BY

GEORGE DAVIS

Digitally signed by

JON DENTON

OFFICE
AJV-A430

DATE

TITLE
MANAGER

Jan 08, 2021

QUALITY
18
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPAH
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	370317.8985N
LTP/FTP LONGITUDE	0884557.0760W
LTP/FTP ELLIPSOIDAL HEIGHT	+00964
FPAP LATITUDE	370425.6695N
FPAP LONGITUDE	0884709.4725W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.05
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7B938B3E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01248
FPAP ORTHOMETRIC HEIGHT	+01248

