

**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> KPNC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> PONCA CITY	<u>STATE</u> OK		
<u>AIRPORT ELEVATION</u> 1009	<u>TDZE</u> 1004	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 JUNE 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 085/30 CW 265/30	NOPT	085/15 CW 265/15		3600
2. 085/15 CW 265/15		TOMHO	IF/IAF	2900
3. 265/30 CW 355/30		TEDCO	IAF	2900
4. 355/30 CW 085/30		355/15 CW 085/15		3200
5. 355/15 CW 085/15		SEYOR	IAF	2900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SEYOR	IAF	TOMHO	NOPT	TF	FB	1.00	084.57	5.00	2900
TEDCO	IAF	TOMHO	NOPT	TF	FB	1.00	264.69	5.00	2900
TOMHO	IF/IAF	OKTAE		TF	FB	1.00	174.63	6.10	2700
OKTAE	FAF	RW17	MAP	TF	FO	0.30	174.63	5.13	
RW17	MAP	1279 MSL		CA			174.63		
1279 MSL		ZULOT		DF	FO	1.00			2700

QUALITY
16
CHECKED

MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700 DIRECT ZULOT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD N TOMHO, RT, 174.63 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 14000.					
3. FAC:	174.63	FAF: OKTAE	DIST FAF TO MAP: 5.13		DIST FAF TO THLD: 5.13
4. MIN ALT:	TOMHO 2900, OKTAE 2700				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	275 HAT: 0.75	GS ANT:
6. MIN GP INCPT:	2700	GP ALT AT PFAF :	OKTAE 2700	OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 47.8	IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

CHART NOTE: FOR INOPERATIVE ALS INCREASE LPV VISIBILITY ALL CATS TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.63 INBOUND.
CHART FAS OBST: 1289 TREE 364735N/0970703W.
CHART 1692 WINDMILL 364953N/0970340W.
CHART VDP AT 1.56 NM TO RW17.
WAAS CHANNEL # 50408
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 274 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 900-2 3/4, 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	1279	1/2	275	1279	1/2	275	1279	1/2	275	1279	1/2	275			
LNAV/VNAV DA	1330	1/2	326	1330	1/2	326	1330	1/2	326	1330	1/2	326			
LNAV MDA	1540	1/2	536	1540	1/2	536	1540	1	536	1540	1	536			
CIRCLING	1540	1	531	1580	1	571	1800	2 1/4	791	1880	2 3/4	871			

CHANGES - REASONS

1. INCORPORATED P-NOTAM AMENDMENTS: AMDT 1A/ NOTAM 1/7627.
2. UPDATED TAA LEG 2, 085/15 CW 265/15 TO TOMHO, MINIMUM ALTITUDE FROM "2800" TO "2900" - NEW CONTROLLING OBSTACLE IN TAA SEGMENT.
3. UPDATED TAA LEG 3, 265/30 CW 355/30 TO TEDCO, MINIMUM ALTITUDE FROM "2800" TO "2900" - NEW CONTROLLING OBSTACLE IN TAA SEGMENT.
4. UPDATED TAA LEG 5, 355/15 CW 085/15 TO SEYOR, MINIMUM ALTITUDE FROM "2800" TO "2900" - NEW CONTROLLING OBSTACLE IN TAA SEGMENT.
5. UPDATED TERMINAL ROUTE LEG TEDCO TO TOMHO MINIMUM ALTITUDE FROM "2800" TO "2900" - NEW CONTROLLING OBSTACLE.
6. UPDATED TERMINAL ROUTE LEG SEYOR TO TOMHO MINIMUM ALTITUDE FROM "2800" TO "2900" - NEW CONTROLLING OBSTACLE.
7. ADDED CA LEG TO TERMINAL ROUTES - IAW 8260.58B 3-5-2.
8. UPDATED PROFILE LINE 2 FROM "HOLD N TOMHO, RT, 174.63 INBOUND, 2800 FT. IN LIEU OF PT (IAF)" TO "HOLD N TOMHO, RT, 174.63 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 14000" - HILO RAISED FOR NEW CONTROLLING OBSTACLE, MAX HOLDING ALTITUDE ADDED IAW IAW 8260.19I PARA 8-6-7.B.(2).
9. UPDATED PROFILE LINE 4 FROM "TOMHO 2800, OKTAE 2700" TO "TOMHO 2900, OKTAE 2700" - TOMHO ALTITUDE INCREASE FROM NEW CONTROLLING OBSTACLE.
10. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 - THERE ARE NO 20:1 PENETRATIONS TO RWY 17
11. REMOVED DME/DME RNP -0.3 NA - NO LONGER REQUIRED.
12. ADDED PBN REQUIREMENTS NOTE: "RNP APCH - GPS" - IAW 8260.19I 8-6-8.B.(2).
13. UPDATED BARO-VNAV FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 47°C (116°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" - REMOVED FAHRENHEIT IAW 8260.19I 8-6-9.R, UPDATED TEMPERATURES BASED ON TARGETS EVALUATION.
14. SECONDARY ALTIMETER NOTES UPDATED AND MOVED TO 8260-9: PART C: REMARKS - IAW 8260.19I FOR CONTINGENCY PURPOSES.
15. ADDED "CHART NOTE: FOR INOPERATIVE ALS INCREASE LPV VISIBILITY ALL CATS TO 7/8 SM" - IAW 8260.3E TABLE 3-3-1.
16. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.S., EXPANDED CIRCLING PREVIOUSLY IMPLEMENTED.
17. REMOVED "CHART FIELD ELEVATION: 1009" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
18. UPDATED FAS OBSTACLE NOTE FROM "CHART FAS OBST: 1289 TREE 364735N/0970703W, 1064 ANT 364511N/0970557W" TO "CHART FAS OBST: 1289 TREE 364735N/0970703W" - IAW 8260.19I 8-6-10.C, THE LNAV/VNAV OBSTACLE DOES NOT REQUIRE CHARTING AND AN AAO SHOULD NOT BE CHARTED.
19. ADDED "CHART 1692 WINDMILL 364953N/0970340W" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.E.(2).
20. UPDATED LNAV/VNAV ALL CATS VISIBILITY FROM "3/4" TO "1/2" - IAW 8260.3E TABLE 3-3-1.
21. UPDATED LNAV CAT D VISIBILITY FROM "1 1/4" TO "1" - IAW 8260.3E TABLE 3-3-1.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, ST AV DIR, APT MGR.

FLIGHT CHECKED BY
COLIN D HENDERSON

Digitally signed by
JASON KRETSCHMER
Apr 19, 2022

OFFICE
FPO

DATE
04/15/2022

DEVELOPED BY
JASON KRETSCHMER (COLIN CAMPBELL)

Digitally signed by
JASON KRETSCHMER
Mar 12, 2022

OFFICE
AJV-A421

DATE
11/15/2021

APPROVED BY
MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Mar 12, 2022

OFFICE
AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPNC
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	364430.6360N
LTP/FTP LONGITUDE	0970559.5015W
LTP/FTP ELLIPSOIDAL HEIGHT	+02740
FPAP LATITUDE	364301.4200N
FPAP LONGITUDE	0970558.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00047.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7D3E9AF3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03029
FPAP ORTHOMETRIC HEIGHT	+03029

