

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> CUH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> CUSHING	<u>STATE</u> OK
<u>AIRPORT ELEVATION</u> 925	<u>TDZE</u> 916	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>DATED</u> 08/17/2017	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 5E <u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 085/30 CW 265/30	NOPT	GEYER	IF/IAF	3500
2. 265/30 CW 085/30		GEYER	IF/IAF	3500

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
GEYER	IF/IAF	HENIN		TF	FB	1.00	174.56	5.32	2500
HENIN	FAF	IYITI/2.40 NM TO RW18		TF	FB	0.30	174.56	2.42	
IYITI/2.40 NM TO RW18		RW18	MAP	TF	FO	0.30	174.56	2.40	
RW18	MAP	1166 MSL		CA			174.56		
1166 MSL		KIDEY		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT KIDEY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD N GEYER, RT, 174.56 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	174.56	FAF:	HENIN	DIST FAF TO MAP:	4.82	DIST FAF TO THLD:	4.82							
4.	MIN ALT:	GEYER 3500, HENIN 2500, IYITI/2.40 NM TO RW18 1720													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.63	GS ANT:				
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	HENIN 2500					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	50.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.  
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CQB ALTIMETER SETTING.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CQB ALTIMETER SETTING AND INCREASE LPV DA TO 1207 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1398 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM.  
CHART NOTE: CIRCLING NA TO RWYS 2, 8, 11, 20, 26, 29

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.56 INBOUND.  
FAS OBST: 1149 TREE 355751N/0964655W.  
WAAS CHANNEL # 97342  
REFERENCE PATH ID: W18A  
CHART CIRCLING ICON.  
LTP HAE: 251 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	1166	3/4	250	1166	3/4	250	1166	3/4	250	1166	3/4	250			
LNAV/VNAV DA	1357	1 1/2	441	1357	1 1/2	441	1357	1 1/2	441	1357	1 1/2	441			
LNAV MDA	1400	1	484	1400	1	484	1400	1 3/8	484	1400	1 3/8	484			
CIRCLING	1600	1	675	1600	1	675	1600	2	675	1600	2 1/4	675			



CHANGES - REASONS

1. AMENDED CHART NOTE FROM "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED" TO "CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - AI PORTAL INQUIRY FOR MISSING SM.
2. ADDED "20:1 IS CLEAR" - IAW 8260.19J 8-6-7(G)(3)(A)
3. REMOVED CHART NOTE "DME/DME RNP 0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW 8260.19J 8-6-8 (MEMO)
4. ADDED FAS OBSTACLE "1149 TREE 355751N/0964655W" - IAW 8260J 8-6-11(C)
5. DELETED NOTE "\*\* LNAV ONLY" - NO LONGER REQUIRED
6. REMOVED ASTERISK FROM IYITI STEPDOWN ALTITUDE "1720" - NO LONGER REQUIRED
7. UPDATED CHART NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C" - IAW 8260.19J 8-6-10(R)
8. UPDATED CHART NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHANDLER ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDA 60 FEET AND LNAV CAT C AND D VISIBILITIES 1/8 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CQB ALTIMETER SETTING AND INCREASE LPV DA TO 1207 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1368 FEET; INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM - IAW 8260.19J 8-6-12(N)
9. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19J 8-6-7(B)(2)
10. CHANGED MIN ALT ON LINE 4 (HOLD-IN-LIEU) FROM "3100" TO "3500" - AMENDING HOLD-IN-LIEU TO CORRECT ALTITUDE OF 3500 FT.
11. UPDATED CHART PROFILE NOTE FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 3.00/TCH 26)" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 50) - IAW 8260.19J 8-6-10(M)

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZKC, ST, AV. DIR, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by

DAVID DANNER

Jul 02, 2024

DEVELOPED BY

CHRISTOPHER MENDENHALL

Digitally signed by

CHRIS MENDENHALL

Jul 01, 2024

OFFICE

DATE

AJV-A421

07/01/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Jul 02, 2024

OFFICE

DATE

TITLE

AJV-A420

09/05/2024

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCUH
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	355726.1005N
LTP/FTP LONGITUDE	0964609.4130W
LTP/FTP ELLIPSOIDAL HEIGHT	+02510
FPAP LATITUDE	355556.8735N
FPAP LONGITUDE	0964608.5705W
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	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	638FCAB4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02792
FPAP ORTHOMETRIC HEIGHT	+02792

