

**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</u> CUSHING MUNI	<u>AIRPORT ID</u> KCUH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> CUSHING	<u>STATE</u> OK	
<u>AIRPORT ELEVATION</u> 925	<u>TDZE</u> 901	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 265/30 CW 085/30	NOPT	KIDEY	IF/IAF	3500
2. 085/30 CW 265/30		KIDEY	IF/IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KIDEY	IF/IAF	IRICO		TF	FB	1.00	354.56	7.37	2700
IRICO	FAF	GROPE/2.40 NM TO RW36		TF	FB	0.30	354.56	3.16	
GROPE/2.40 NM TO RW36		RW36	MAP	TF	FO	0.30	354.56	2.40	
RW36	MAP	1151 MSL		CA			354.56		
1151 MSL		GEYER		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT GEYER AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S KIDEY, RT, 354.56 INBOUND, 3500 FT. IN LIEU OF PT (IF/IAF), MAX 3500.

3. FAC: 354.56 FAF: IRICO DIST FAF TO MAP: 5.56 DIST FAF TO THLD: 5.56

4. MIN ALT: KIDEY 3500, IRICO 2700, GROPE/2.40 NM TO RW36 1680*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.70 GS ANT:

6. MIN GP INCPT: 2700 GP ALT AT FAF : IRICO 2700 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING NA TO RWYS 2, 8, 11, 20, 26, AND 29
*LNAV ONLY

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #90142
REFERENCE PATH ID: W36A
CHART FAS OBST: 1079 TOWER 355413N/0964544W.
HOLD N, RT, 174.56 INBOUND
LTP HAE: 239.6 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	1151	7/8	250	1151	7/8	250	1151	7/8	250	1151	7/8	250			
LNAV/VNAV DA	1284	1 1/4	383	1284	1 1/4	383	1284	1 1/4	383	1284	1 1/4	383			
LNAV MDA	1340	1	439	1340	1	439	1340	1 1/4	439	1340	1 1/4	439			
CIRCLING	1600	1	675	1600	1	675	1600	2	675	1600	2 1/4	675			



CHANGES - REASONS

1. LNAV MDA/HAT INCREASED FROM 1240/339 TO 1340/439; CAT C AND D VISIBILITY INCREASED FROM 1 TO 1 1/4 SM. - NEW LNAV STEPDOWN CONTROLLING OBSTACLE.
2. PROFILE LINE 7: 20:1 IS CLEAR ADDED. - NO 20:1 PENETRATIONS EXIST.
3. CHART NOTE: DME/DME RNP-0.3 NA REMOVED. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - IAW 8260.19H 8-6-8 B(1).
4. CHART NOTE: BARO-VNAV NA WHEN USING CHANDLER ALTIMETER SETTING REMOVED. - MOVED TO 8260-9 FOR CONTINGENCY USE.
5. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F) UPDATED TO -16F TO 54C. - FAHRENHEIT REMOVED.
6. CHART NOTE: ALTERNATE ALTIMETER NOTE REMOVED. - MOVED TO 8260-9 FOR CONTINGENCY USE.
7. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1079 TWR 355413N/0964544W ADDED. - NEW LNAV STEPDOWN CONTROLLING OBSTACLE.
8. ALTERNATE: NA WHEN LOCAL WEATHER NOT AVAILABLE ADDED. - ALTERNATE MINIMUMS PERMITTED; AIRPORT LINKED TO WMSCR.
9. MISSED APPROACH INSTRUCTIONS: "CLIMB TO 3500 DIRECT GEYER AND HOLD" UPDATED TO "CLIMB TO 3500 DIRECT GEYER AND HOLD, CONTINUE TO CLIMB-IN-HOLD TO 3500." - CLIMB-IN-HOLD REQUIRED; VERIFIED WITH TARGETS.
10. PROFILE: LINE 2: MAX ALTITUDE 3500 ADDED. - REVISED CRITERIA.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JOEL LAPLANTE

*Digitally signed by***WARDELL HENNING**

Oct 21, 2019

OFFICE

FICO

DATE

10/16/19

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

*Digitally signed by***WARDELL HENNING**

Oct 21, 2019

OFFICE

AJV-A432

DATE

08/21/2019

APPROVED BY

LONNIE EVERHART

*Digitally signed by***WARDELL HENNING**

Oct 21, 2019

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCUH
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	355634.6675N
LTP/FTP LONGITUDE	0964608.9195W
LTP/FTP ELLIPSOIDAL HEIGHT	+02396
FPAP LATITUDE	355803.8950N
FPAP LONGITUDE	0964609.7630W
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	AF492468

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02678
FPAP ORTHOMETRIC HEIGHT	+02678

