

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> KEDC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> AUSTIN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 620	<u>TDZE</u> 620	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 06/16/2022	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
DARTE		CUSAT		TF	FB	1.00	220.69	15.48	3000
CUSAT	IAF	FESIS		TF	FB	1.00	216.38	5.00	2500
TXAAS	IAF	FESIS		TF	FB	1.00	036.32	5.00	2500
FESIS	IF	IKOXE		TF	FB	1.00	126.35	6.04	2200
IKOXE	FAF	JIDKI/2.30 NM TO RW13		TF	FB	0.30	126.39	2.54	
JIDKI/2.30 NM TO RW13		RW13	MAP	TF	FO	0.30	126.39	2.30	
RW13	MAP	870 MSL		CA		1.00	126.39		
870 MSL		CIRMU		DF	FO	1.00			2200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 DIRECT CIRMU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT FESIS					
3. FAC:	126.39	FAF: IKOXE	DIST FAF TO MAP:	4.84	DIST FAF TO THLD: 4.84
4. MIN ALT:	FESIS 2500, IKOXE 2200, JIDKI/2.30 NM TO RW13 1380				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:
6. MIN GP INCPT:	2200	GP ALT AT PFAF :	IKOXE 2200	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
			TCH:	40.0	
8. MSA FROM:	RW13 3100				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 16 AND 34.
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DARTE ON V17 NORTH BOUND.
CHART SPEED ICON IN PLANVIEW AT CUSAT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT TXAAS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 306.51 INBOUND.
CHART FAS OBST: 777 TRANSMISSION_LINE (48-138709) 302432N/0973529W.
CHART 916 TOWER 302530N/0973655W.
CHART VDP AT 1.32 NM TO RW13.
WAAS CHANNEL # 63116
REFERENCE PATH ID: W13A
CHART CIRCLING ICON.
LTP HAE: 162.6 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	870	3/4	250	870	3/4	250	870	3/4	250	870	3/4	250			
LNAV/VNAV DA	1080	1 3/8	460	1080	1 3/8	460	1080	1 3/8	460	1080	1 3/8	460			
LNAV MDA	1080	1	460	1080	1	460	1080	1 3/8	460	1080	1 3/8	460			
CIRCLING	1140	1	520	1160	1	540	1280	1 3/4	660	1280	2	660			

CHANGES - REASONS

1. INCLUDED CHANGES FROM AMDT 0A AND 0B - BOTH AMENDMENTS PROCESSED AS P NOTAMS.
2. ADDED INITIAL SEGMENT FROM TXAAS - AT ATC REQUEST PER FPT.
3. INCREASED MISSED APPROACH AND HOLDING ALTITUDE FROM 2100 TO 2200 - MINIMUM AIRSPACE ALTITUDE OF 2200.
4. ADDED SPEED RESTRICTION OF 210K MAXIMUM AT CUSAT - REQUIRED TO MAINTAIN 5 NM INITIAL SEGMENT LEGNTH.
5. LNAV/VNAV DA CHANGED FROM 1126 TO 1080 -- LNAV/VNAV DA LOWERED TO LNAV MDA IAW 8260.58B 3-3-5.
6. REDUCED LNAV/VNAV VISIBILITY FROM 1 3/4 TO 1 3/8 - IAW 8260.3E TABLE 3-3-1.
7. REDUCE LNAV CAT D VISIBILITY FROM 1 1/2 TO 1 3/8 - IAW 8260.3E TABLE 3-3-1.
8. CHANGED NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19I 8-6-11(K)3.
9. REMOVED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV NOTE AND INCREASED CRITICAL HIGH TEMPERATURE TO 54 C - BASED ON STANDARD -30C ISA DEVIATION AND IAW 8260.19I 8-6-9(R).
10. MOVED ALL BACKUP ALTIMETER INFORMATION FROM CHART NOTE TO 8260-9 PART C REMARKS - IAW 8260.19I 8-6-9(F).
11. REMOVED ALL REFERENCE TO *LNAV ONLY - NOT REQUIRED BY 8260.19I CRITERIA.
12. ADDED NOTES "CHART SPEED ICON IN PLANVIEW AT CUSAT: MAX 210 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT TXAAS MAX 210 KIAS" -- IAW 8260.19I 4-6-10(G).
13. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART 916 TOWER 302530N/0973655W" -- 7:1 EXCLUDED OBSTACLE DOCUMENTED IAW 8260.19I 8-6-10(E).
14. IKOXE MOVED 384.89 FT NORTHWEST FROM 302719.07N/0973827.90W TO 302721.59N/0973831.20W -- TO ALIGN FAC WITH RUNWAY COURSE.
15. FINAL AND MISSED APPROACH CA LEG COURSE CHANGED FROM 126.40 TO 126.39 -- IKOXE (FAF) MOVED.
16. DISTANCE FROM FESIS TO IKOXE CHANGED FROM 6.10 TO 6.04 NM -- IKOXE MOVED.
17. DISTANCE FROM IKOXE TO JIDKI CHANGED FROM 2.48 TO 2.54 NM -- IKOXE MOVED.
18. FAF TO MAP AND FAF TO THLD DISTANCE CHANGED FROM 4.78 TO 4.84 NM -- IKOXE MOVED.
19. LPV VISIBILITY CHANGED FROM 1 TO 3/4 SM -- IAW 8260.3E TABLE 3-3-1.
20. FPAP LOCATION CHANGED FROM 302309.9600N/0973302.0700W TO 0302309.9575N/0973202.0730 -- FINAL APPROACH COURSE CHANGED.
21. CRC REMAINDER CHANGED FROM 64B0F54D TO 64F1BF2C -- FPAP LOCATION CHANGED.

AIRPORT ID
KEDC

PROCEDURE NAME
RNAV (GPS) RWY 13

ORIGINAL/AMENDMENT
1

CITY
AUSTIN

STATE
TX

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZHU, AMGR, STATE AVIATION DIRECTOR

FLIGHT CHECKED BY *Digitally signed by*
BRIAN HARRELSON **CASIMIR L TABAKA**
Dec 09, 2022

OFFICE
FPO
DATE
12/07/2022

DEVELOPED BY
KARLIE BUNTIN
Digitally signed by
KARLIE B BUNTIN
Nov 17, 2022

OFFICE
AJV-A432
DATE
10/19/2022

APPROVED BY
CASIMIR TABAKA
Digitally signed by
CASIMIR L TABAKA
Nov 21, 2022

OFFICE
AJV-A432
DATE
TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEDC
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	302409.0600N
LTP/FTP LONGITUDE	0973419.3100W
LTP/FTP ELLIPSOIDAL HEIGHT	+01626
FPAP LATITUDE	302309.9575N
FPAP LONGITUDE	0973302.0730W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1096
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	64F1BF2C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01886
FPAP ORTHOMETRIC HEIGHT	+01886