

**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 31	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> AUSTIN	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 620	<u>TDZE</u> 612	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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>
SCOLL		EFVEP		TF	FB	1.00	221.17	8.45	2200
EFVEP	IAF	CIRMU		TF	FB	1.00	221.55	6.00	2100
CIRMU	IF	HIDSU		TF	FB	1.00	306.51	6.05	2000
HIDSU	FAF	ASESY/1.60 NM TO RW31		TF	FB	0.30	306.46	2.68	
ASESY/1.60 NM TO RW31		RW31	MAP	TF	FO	0.30	306.46	1.60	
RW31	MAP	812 MSL		CA			306.46		
812 MSL		GUKWI		DF	FB	1.00			
GUKWI		DARTE		TF	FO	1.00	019.68	21.34	3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT GUKWI AND ON TRACK 019.68 TO DARTE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT CIRMU

3. FAF: 306.46FAF: HIDSUDIST FAF TO MAP: 4.28DIST FAF TO THLD: 4.28

4. MIN ALT: CIRMU 2100, HIDSU 2000, ASESY/1.60 NM TO RW31 1140*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.55GS ANT:

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

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW31 3100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 16 AND 24.
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 SCOLL ON V565 EASTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 060.00 INBOUND.
CHART FAS OBST: 639 TREE 302355N/0973308W.
CHART VDP AT 0.83 NM TO RW31*
*LNAV ONLY.
WAAS CHANNEL # 45916
REFERENCE PATH ID: W31A
CHART CIRCLING ICON.
LTP HAE: 155.8 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	812	3/4	200	812	3/4	200	812	3/4	200	812	3/4	200			
LNAV/VNAV DA	909	7/8	297	909	7/8	297	909	7/8	297	909	7/8	297			
LNAV MDA	900	1	288	900	1	288	900	7/8	288	900	7/8	288			
CIRCLING	1140	1	520	1160	1	540	1280	1 3/4	660	1280	2	660			



CHANGES - REASONS

1. DISTANCE FROM THLD TO 200 HAT CHANGED FROM .50 TO .55 - CORRECTED ADMINISTRATIVE ERROR.
2. CHANGED CHART NOTE: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUSTIN-BERGSTROM INTL ALTIMETER SETTING AND INCREASE ALL DA 42 FEET; INCREASE ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUSTIN-BERGSTROM INTL ALTIMETER SETTING AND INCREASE ALL DA 42 FEET; INCREASE ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C/D VISIBILITY 1/8 SM, INCREASE CIRCLING CAT C/D VISIBILITY 1/4 SM" AND MOVED TO 8260-9 PART C: GENERAL REMARKS - IAW 8260.19 8-6-9F(3), LOCAL ALTIMETER IS ON WMSCR; NEW INOP VISIBILITY TABLE USED.
3. MOVED CHART NOTES: "BARO-VNAV NA WITH AUSTIN-BERGSTROM INTL ALTIMETER SETTING" AND "VDP NA WITH AUSTIN-BERGSTROM INTL ALTIMETER SETTING" TO 8260-9 PART C: GENERAL REMARKS AS COMBINED NOTE "BARO-VNAV NA AND VDP NA WITH AUSTIN-BERGSTROM INTL ALTIMETER SETTING" - IAW 8260.19 8-6-9F(3), LOCAL ALTIMETER IS ON WMSCR.
4. CHANGED CAT C/D CIRCLING MDA/HAA FROM 1160/540 AND 1220/600 TO 1280/660 - NEW CONTROLLING OBSTACLES.
5. FPAP LAT/LONG CHANGED FROM 302432.6100N/0973450.1100W TO 302432.6100N/0973450.1140W - UPDATED TARGETS EVALUATION.
6. CRC REMAINDER CHANGED FROM EE1F6BCD TO B7A27223 - FPAP CHANGED.
7. CHANGED LNAV CAT C/D VISIBILITY FROM 1 SM TO 7/8 SM - UPDATED TO NEW VISIBILITY TABLES.
8. RAISED CIRCLING CAT C VISIBILITY FROM 1 1/2 TO 1 3/4 - UPDATED TO NEW VISIBILITY TABLES.

COORDINATED WITH:

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

FLIGHT CHECKED BY

BRIAN HARRELSON

Digitally signed by **OFFICE****JON DENTON** FICO

Mar 11, 2021

DATE

3/10/2021

DEVELOPED BY

WARDELL HENNING (PATRICK COMBS)

Digitally signed by

JON DENTON

Mar 11, 2021

OFFICE

AJV-A432

DATE

04/10/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

JON DENTON

Mar 11, 2021

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	KEDC
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	302333.5200N
LTP/FTP LONGITUDE	0973332.8600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01558
FPAP LATITUDE	302432.6100N
FPAP LONGITUDE	0973450.1140W
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	0912
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B7A27223

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01818
FPAP ORTHOMETRIC HEIGHT	+01818

