

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> AUSTIN EXECUTIVE	<u>AIRPORT ID</u> KEDC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1	<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SUPERSEDED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> ORIG	<u>DATED</u> 07/29/2010	<u>MAG VAR</u> 5E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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	2.00	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. FAC: 306.46

FAF: HIDSU

DIST FAF TO MAP: 4.28

DIST 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: 0.50

GS ANT:

6. MIN GP INCPT: 2000

GP ALT AT FAF : HIDSU 2000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.0

8. MSA FROM: RW31 3100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING AUSTIN-BERGSTROM INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.
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.
CHART NOTE: VDP NA WITH AUSTIN-BERGSTROM INTL ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWY 16,34.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SCOLL ON V565 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 639 TREE 302355N/0973308W
CHART CIRCLING ICON.
CHART VDP AT 0.83 NM TO RW31*
*LNAV ONLY
WAAS CHANNEL #45916
REFERENCE PATH ID: W31A
HOLD SW, RT, 060.00 INBOUND
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	1	288	900	1	288			
CIRCLING	1140	1	520	1160	1	540	1160	1 1/2	540	1220	2	600			



CHANGES - REASONS

- 1. TERMINAL ROUTE SCOLL TO EFVEP CHANGED FROM 223.86/9.48 TO 221.17/8.48 - EFVEP MOVED TO MEET CRITERIA (LEG LENGTHS).
- 2. TERMINAL ROUTE EFVEP TO CIRMU CHANGED FROM 216.54/5.00 TO 221.55/6.00 - EFVEP MOVED TO MEET CRITERIA (LEG LENGTHS).
- 3. TERMINAL ROUTE CIRMU TO HIDSU CHANGED FROM 6.10 TO 6.05 - HIDSU MOVED TO PFAF LOCATION.
- 4. REMOVED DME/DME RNP - 0.3 NA - 8260.19H CHAPTER 8
- 5. CHANGED STEP FIX NAME FROM FESEP TO ASESY - FPT REQUEST.
- 6. UPDATED CIRCLING CAT A/B/C/D MDA/HAA FROM 1100/480, 1100/480, 1100/480, 1180/560 TO 1140/520, 1160/540, 1160/540, 1220/600 - NEW CIRCLING CRITERIA.
- 7. CHANGED LNAV/VNAV ABOVE TEMPERATURES FROM 47C TO 54C - CALCULATOR.
- 8. ADDED RNP APCH TO PBN REQUIRED NOTES - 8260.19H CHAPTER 8
- 9. LNAV/VNAV VISIBILITY LOWERED FROM 1 SM TO 7/8 SM. TABLE 3-3-1.
- 10. BACKUP VISIBILITY INCREASE FOR LNAV/VNAV CHANGED FROM 1/4 SM TO 1/8 SM/DELETED LNAV INCREASE - TABLE 3-3-1.
- 11. DIST FAF TO MAP/THLD CHANGED FROM 4.23 TO 4.28 - FAF MOVED TO PFAF LOCATION.
- 12. DISTANCE FROM THLD TO 200 HAT CHANGED FROM .55 TO .50 - HATH TO HAT CONVERSION.



COORDINATED WITH:

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

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by

DAVID DANNER

Oct 30, 2018

OFFICE

FICO

DATE

10/25/18

DEVELOPED BY

LONNIE EVERHART (ANA VEGA)

Digitally signed by

DAVID DANNER

Oct 30, 2018

OFFICE

AJV-5400

DATE

07/09/2018

APPROVED BY

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Oct 30, 2018

OFFICE

AJV-5400

DATE

TITLE



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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	0973450.1100W
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	EE1F6BCD
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01818
FPAP ORTHOMETRIC HEIGHT	+01818

