

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> ELK CITY RGNL BUSINESS	<u>AIRPORT ID</u> KELK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> ELK CITY	<u>STATE</u> OK	
<u>AIRPORT ELEVATION</u> 2013	<u>TDZE</u> 1984	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 04/27/2017	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<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>
ASAZE	IF/IAF	PETDO		TF	FB	1.00	354.13	6.12	3600
PETDO	FAF	RW35	MAP	TF	FO	0.30	354.13	4.95	
RW35	MAP	2234 MSL		CA			354.13		
2234 MSL		EHOMO		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT EHOMO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD S ASAZE, RT, 354.13 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 354.13 **FAF:** PETDO **DIST FAF TO MAP:** 4.95 **DIST FAF TO THLD:** 4.95
4. **MIN ALT:** ASAZE 4000, PETDO 3600
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.66 **GS ANT:**
6. **MIN GP INCPT:** 3600 **GP ALT AT FAF :** PETDO 3600 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 50.0
8. **MSA FROM:** RW35 4100



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ASAZE ON V140 WESTBOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 2330 TOWER 352026N/0992401W
CHART CIRCLING ICON.
CHART VDP AT 1.62 NM TO RW35*
*LNAV ONLY
WAAS CHANNEL #53508
REFERENCE PATH ID: W35A
HOLD N, RT, 174.13 INBOUND
LTP HAE: 574.6 M

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

ALTERNATE: NA ☐ STANDARD - CAT D 1000-3

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	2234	7/8	250	2234	7/8	250	2234	7/8	250	2234	7/8	250			
LNAV/VNAV DA	2377	1 3/8	393	2377	1 3/8	393	2377	1 3/8	393	2377	1 3/8	393			
LNAV MDA	2640	1	656	2640	1	656	2640	1 7/8	656	2640	1 7/8	656			
CIRCLING	2640	1	627	2680	1	667	2680	1 3/4	667	2940	3	927			

CHANGES - REASONS

- 1: LNAV MDA/HAT INCREASED FROM 2560/576 TO 2640/656 - NEW CONTROLLING OBSTACLE TOWER (40-000112).
- 2: CIRCLING CAT D CMDA/HAA INCREASED FROM 2740/727 TO 2940/927 - NEW CONTROLLING OBSTACLE TOWER (40-029376).
- 3: CIRCLING CAT A MDA/HAA INCREASED FROM 2560/547 TO 2640/627 - NEW EVALUATION CONTROLLING OBSTACLE UPDATED.
- 4: VISIBILITY FOR CAT D CIRCLING INCREASED FROM 2 1/4 SM TO 3 SM - NEW CONTROLLING OBSTACLE TOWER (40-029376).
- 5: VISIBILITY FOR LNAV CAT C & D INCREASED FROM 1 5/8 SM TO 1 7/8 SM - NEW CONTROLLING OBSTACLE TOWER (40-029376).
- 6: UPDATED CHART NOTE: FROM HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED, TO RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - PER 8260.19H PARA 8-6-11K (3)
- 7: REMOVED NOTE "DME/DME-0.3 NA" AND ADDED PBN REQUIREMENT NOTE "RNP-APCH." - PER 8260.19H PARA 8-6-8B (1).
- 8: UPDATED ALTERNATE MINIMUMS CAT D FROM 800-2 1/4 TO 1000-3 - CIRCLING CAT D MINIMUMS INCREASED, NEW CONTROLLING OBSTACLE.
- 9: VDP CHANGED FROM 1.41 NM TO 1.62 NM - UPDATED CALCULATION.
- 10: ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER PARA 8260.19H PARA 8-6-7B (2).
- 11: ADDED " 20:1 IS CLEAR" ON LINE 7 - NO VISUAL SURFACE PENETRATIONS.
- 12: FAS OBSTACLE CHANGED FROM 2271 TOWER TO 2330 TOWER - NEW OBSTACLE STUDY.
- 13: BACKUP ALTIMETER AND ASSOCIATED NOTES REMOVED - MOVED TO -9 AS A CONTINGENCY BACKUP NOTE.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW ARTCC, ST. AV. DIR., AIRPORT MANAGER

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY *Digitally signed by*
DONALD H. LANIER (MICAH HILLEY) **DONALD H LANIER**

DONALD H LANIER
Apr 11, 2019

OFFICE
AJV-A431

DATE
02/19/2019

APPROVED BY *Digitally signed by*
LONNIE EVERHART **DONALD H LANIER**
Apr 11, 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	KELK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	352524.1475N
LTP/FTP LONGITUDE	0992339.4710W
LTP/FTP ELLIPSOIDAL HEIGHT	+05746
FPAP LATITUDE	352653.3845N
FPAP LONGITUDE	0992339.2240W
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	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A7E301D6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06018
FPAP ORTHOMETRIC HEIGHT	+06018

