

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> EAGLE LAKE	<u>AIRPORT ID</u> KELA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> EAGLE LAKE	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 184	<u>TDZE</u> 184	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 06/23/2016	<u>MAG VAR</u> 5E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

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>
ATOQU	IAF	ZOMVA		TF	FB	1.00	071.19	10.00	2000
OXEMY	IAF	ZOMVA		TF	FB	1.00	256.37	10.00	2000
ZOMVA	IF	UBACO		TF	FB	1.00	346.26	6.90	2000
UBACO	FAF	RW35	MAP	TF	FO	0.30	346.29	5.58	
RW35	MAP	584 MSL		CA			346.29		
584 MSL		HIDIM		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LP: RW35

LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT HIDIM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT ZOMVA

3. FAC: 346.29

FAF: UBACO

DIST FAF TO MAP: 5.57

DIST FAF TO THLD: 5.57

4. MIN ALT: ZOMVA 2000, UBACO 2000

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: RW35 2100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 35 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
UBACO TO RW35: 3.00/40.
WAAS CHANNEL #45729
REFERENCE PATH ID: W35A
CHART FAS OBST: 443 TOWER 293353N/0961933W.
FAS OBST: 369 AAO 293224N/0961835W.
HOLD N, RT, 166.26 INBOUND
LTP HAE: 28.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2

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
LP MDA	620	1	436	620	1	436	620	1 1/4	436		NA				
LNAV MDA	700	1	516	700	1	516	700	1 3/8	516		NA				
CIRCLING	760	1	576	840	1	656	1040	2 1/2	856		NA				



CHANGES - REASONS

1. CHANGED PFAF DISTANCE FROM INTERMEDIATE FROM 7 NM TO 6.90 NM - MOVED FIX LOCATION DUE TO RWY EXTENSION.
2. CHANGED LP MDA MINIMUMS FROM 720 TO 620 FOR CAT A, B, AND C - REMOVED RASS ADJUSTMENT DUE TO AIRPORT HAVING LOCAL ALTIMETER NOW.
3. CHANGED LNAV MDA MINIMUMS FROM 800 TO 700 FOR CAT A, B, AND C - REMOVED RASS ADJUSTMENT DUE TO AIRPORT HAVING LOCAL ALTIMETER NOW.
4. CHANGED CIRCLING CMDA FROM 840 TO 760 FOR CAT A AND 840 TO 1040 FOR CAT C - LOWERED SI MINS AND NEW SURVEY.
5. UPDATED CONTROLLING OBSTACLE FOR CIRCLING CAT A - REMOVED RASS ADJUSTMENT.
6. VISIBILITY CHANGED FROM 1 1/2 TO 1 1/4 FOR CAT C LP, 1 3/4 TO 1 3/8 FOR CAT C LNAV, AND 1 3/4 TO 2 1/2 FOR CAT C CIRCLING - LOWER MINIMUMS ESTABLISHED FOR LP/LNAV. CIRCLING INCREASED DUE TO NEW CONTROLLING OBSTACLE.
7. REMOVED RADAR REQUIRED NOTE - NOT REQUIRED FOR GPS PROCEDURES.
8. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE RNP APCH - PER .19H EQUIPMENT REQUIREMENTS NOTES.
9. CHANGED ALTERNATE MINIMUMS FROM NA TO STANDARD - CAT C 900-2 1/2 - PER 8260.19H WHEN USING BACKUP ALTIMETER.
10. ADDED 20:1 IS NOT CLEAR NOTE - 20:1 PENETRATIONS IDENTIFIED IN TARGETS.
11. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA SECTION - NEW CIRCLING CRITERIA APPLIED.
12. REMOVED CHART FAS OBST: 367 AAO 293215N/0961850W - AAO'S SHOULD NOT BE LISTED AS "CHART" PER 8260.19H. PLACED A NEW CONTROLLING OBSTACLE IN ITS PLACE.
13. ADDED FAS OBST: 369 AAO 293224N/0961835W - NEW CONTROLLING OBSTACLE.
14. LTP HAE CHANGED FROM 28.6 M TO 28.1 M - RWY 35 EXTENDED AND NEW SURVEY.
15. ADDED CHART NOTE: STRAIGHT-IN AND CIRCLING RWY 35 NA AT NIGHT - 20:1 PENETRATIONS.
16. DELETED BACKUP ALTIMETER SETTING NOTE - MOVED TO THE BACK OF THE -9 AS A CONTINGENCY NOTE.
17. UPDATED TERMINAL ROUTES COURSE/DISTANCE AS FOLLOWS: ZOMVA TO UBACO FROM 346.28/7.00 TO 346.26/6.90, UBACO TO RW35 FROM 346.27/5.57 TO 346.29/5.58, RW35 TO 584 MSL COURSE FROM 346.27 TO 346.29 - MOVED PFAF LOCATION.
18. CRC REMAINDER CHANGED FROM 044FFCBD TO 5EA3575D - MOVED PFAF LOCATION AND UPDATED TCH.
19. DELETED CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT - IAW 8260.19H PARA 8-6-11O.(2).
20. CHANGED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA TO CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19H PARA 8-6-11K.(3).
21. UPDATED TCH VALUE IN ADDITIONAL FLIGHT DATA FROM 44 TO 40 - RWY EXTENSION.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JEFFREY A FINDLEY

OFFICE

FICO

DATE

10/08/19

Digitally signed by

ALLAN WILL

Oct 10, 2019

DEVELOPED BY

ALLAN WILL (SHANE FOWLER)

OFFICE

AJV-A423

DATE

11/26/2018

Digitally signed by

ALLAN WILL

Oct 10, 2019

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A42

DATE

Digitally signed by

ALLAN WILL

Oct 10, 2019

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELA
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	293539.1410N
LTP/FTP LONGITUDE	0961915.3140W
LTP/FTP ELLIPSOIDAL HEIGHT	+00281
FPAP LATITUDE	293707.4295N
FPAP LONGITUDE	0961930.8050W
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	1448
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	5EA3575D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00554
FPAP ORTHOMETRIC HEIGHT	+00554

