

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> LAKE COUNTY	<u>AIRPORT ID</u> KLKV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LAKEVIEW	<u>STATE</u> OR
<u>AIRPORT ELEVATION</u> 4734	<u>TDZE</u> 4729	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/21/2014	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-03.

<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>
LKV VORTAC	POINT	NUSME		TF	FO	1.00	154.42	36.57	9800
CHOIR	IAF	NUSME	NOPT	TF	FB	1.00	332.06	22.87	9800
NUSME	IF/IAF	WIPUL		TF	FB	1.00	331.95	7.23	7500
WIPUL		EYIGO		TF	FB	1.00	331.92	3.15	6500
EYIGO	FAF	SABPO/1.22 NM TO RW35		TF	FB	0.30	346.25	4.21	
SABPO/1.22 NM TO RW35		RW35	MAP	TF	FB	0.30	346.25	1.22	
RW35	MAP	5200 MSL		CA					5200
5200 MSL		NUSME		DF	FB	1.00			
NUSME		CHOIR		TF	FO	1.00	151.98	22.87	11000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 235 KIAS UNTIL NUSME) CLIMB TO 5200 THEN CLIMBING LEFT TURN TO 11000 DIRECT NUSME AND ON TRACK 151.98 TO CHOIR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE NUSME, RT, 331.95 INBOUND, 9800 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 346.25 FAF: EYIGO DIST FAF TO MAP: 5.43 DIST FAF TO THLD: 5.43

4. MIN ALT: NUSME 9800, WIPUL 7500, EYIGO 6500, SABPO/1.22 NM TO RW35 5160*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.65 GS ANT:

6. MIN GP INCPT: 6500 GP ALT AT FAF : EYIGO 6500 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW35 9700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 50°C.
CHART NOTE: CIRCLING NA EAST OF RWY 17-35.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
*LNAV ONLY
WAAS CHANNEL #99332
REFERENCE PATH ID: W35A
FAS OBST: 4824 TREE 420853N/1202443W.
HOLD NW, LT, 153.44 INBOUND
LTP HAE: 1418.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 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
LPV DA	4979	1	250	4979	1	250	4979	1	250	4979	1	250			
LNAV/VNAV DA	5121	1 1/8	392	5121	1 1/8	392	5121	1 1/8	392	5121	1 1/8	392			
CIRCLING	5160	1	426	5220	1	486	5320	2	586	5480	2 1/2	746			
LNAV MDA	5080	1	351	5080	1	351	5080	1	351	5080	1	351			



CHANGES - REASONS

1. CHANGE CRC REMAINDER FROM 9A7E8BAC TO 0EDC7B5A - PER TCH CHANGE FROM 55 TO 45.
2. REMOVED DME/DME RNP-0.3 NA NOTE, REPLACED WITH PBN REQ NOTE - PER CRITERIA.
3. CAT D MINS ADDED - PER ATC REQUEST/CHECKLIST.
4. ADDED CHART CIRCLING ICON, CIRC MINS CHANGED FROM CAT A HAA 427 TO 426, B FROM 5200/467 TO 5220/486, C FROM 5200/467 TO 5460/726, CAT C VIS FROM 1 1/2 TO 2 - PER CHG 21 CRITERIA LARGER CIRC AREAS/LATEST OBS EVAL/APT ELEV FROM 4733 TO 4734.
5. DESIGN TCH FROM 55 TO 45 - TO ALIGN WITH UPDATED VGSI DATA.
6. ADDED CIRC RESTRICTION EAST OF 17-35 - TERRAIN CAUSES SIGNIFICANT INCREASES IN CAT C/D MDA/FPT CONCURS.
7. CHANGED PFAF EYIGO - SDF SABPO LENGTH FROM 4.20 TO 4.21, SDF SABPO - MAP LENGTH FROM 1.20 TO 1.22 - TO ALIGN WITH UPDATED VGSI/TO SATISFY ALLOWABLE DESCENT GRADIENTS.
8. UPDATED BARO VNAV NOTE, REMOVE REFERENCE TO FAHRENHEIT'S, MAX TEMP FROM 54 TO 50 - PER 19H CRITERIA/LATEST CALCS.
9. CHANGED LPV VIS FROM 3/4 ALL CATS TO 1, LNAV/VNAV FROM 1 1/4 ALL CATS TO 1 1/8, CIRC C FROM 1 1/2 TO 2 - PER LATEST VIS CALCS/MDA CHANGES.
10. ADDED MAX HOLDING 14000 AT NUSME - PER 8260-2 DATA.
11. UPDATED DISTANCE 250 HAT TO THLD FROM 0.61 TO 0.65 - PER PFAF RELOCATION.
12. UPDATED MISSED APPROACH 235 KIAS RESTRICTION FORMAT BY REMOVING NOTE AND ADDING AS PREFIX TO MISSED APPROACH INSTRUCTIONS - IAW 8260.19H PARA 8-6-6D(11).
13. REMOVED ALTIMETER SETTING NOTE - MOVED TO BACK OF -9.

1/9/19. THIS IS A CORRECTED COPY OF THE FORMS DEVELOPED ON 10/10/18.
REMOVED EYIGO TO RWY35: 3.00/45 FROM ADDITIONAL FLIGHT DATA.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZSE, AMGR, WST FPT

FLIGHT CHECKED BY

THOMAS EDWARD MOLOKIE

OFFICE

FIOG

DATE

11/26/2018

*Digitally signed by***ALLAN WILL**

Jan 18, 2019

DEVELOPED BY

PHILLIP BRANDENBURG

*Digitally signed by***PHILLIP BRANDENBURG**

Jan 09, 2019

OFFICE

AJV-5423

DATE

10/10/2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5420

DATE*Digitally signed by***ALLAN WILL**

Jan 18, 2019

TITLE

MANAGER

QUALITY
24
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLKV
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	420913.7170N
LTP/FTP LONGITUDE	1202356.8340W
LTP/FTP ELLIPSOIDAL HEIGHT	+14189
FPAP LATITUDE	421042.8500N
FPAP LONGITUDE	1202356.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0EDC7B5A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+14402
FPAP ORTHOMETRIC HEIGHT	+14402

