

**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> KTVK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> CENTERVILLE	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1023	<u>TDZE</u> 1023	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 03/02/2017	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 248/30 CW 068/30	NOPT	248/10 CW 068/10		3100
2. 248/10 CW 068/10		JODIV	IF/IAF	3000
3. 068/30 CW 158/30		UVODE	IAF	3000
4. 158/30 CW 248/30		NEMLE	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
UVODE	IAF	JODIV	NOPT	TF	FB	1.00	067.66	5.00	3000
NEMLE	IAF	JODIV	NOPT	TF	FB	1.00	247.80	5.00	3000
JODIV	IF/IAF	AYFAH		TF	FB	1.00	337.73	6.10	2700
AYFAH	FAF	RW34	MAP	TF	FO	0.30	337.70	5.08	
RW34	MAP	1273 MSL		CA			337.70		
1273 MSL		EJKAX		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT EJKAX AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S JODIV, RT, 337.73 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 337.70FAF: AYFAHDIST FAF TO MAP: 5.08DIST FAF TO THLD: 5.08

4. MIN ALT: JODIV 3000, AYFAH 2700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2700GP ALT AT PFAF : AYFAH 2700OM:MM:IM:

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

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 46°C.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 157.60 INBOUND.
FAS OBST: 1239 AAO 403648N/0925043W.
CHART VDP AT 1.38 NM TO RW34.
WAAS CHANNEL # 86517
REFERENCE PATH ID: W34A
CHART CIRCLING ICON.
LTP HAE: 278.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ 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	1273	1	250	1273	1	250		NA			NA				
LNAV/VNAV DA	1349	1	326	1349	1	326		NA			NA				
LNAV MDA	1500	1	477	1500	1	477		NA			NA				
CIRCLING	1500	1	477	1660	1	637		NA			NA				



CHANGES - REASONS

PURPOSE OF PROJECT - INCREASED CIRCLING MINIMUMS CAT B FROM MDA 1480/HAA 457 TO MDA 1660/HAA 637 - INCORPORATED FDC 1/0199, NEW CIRCLING CAT B CONTROLLING OBSTACLE.
 ADDED "NOPT" TO UCODE AND NEMLE INITIAL LEGS - IAW 8260.19I, PARA 8-6-4.A.(3).
 LOWERED LNAV/VNAV VISIBILITY FROM 1 1/4 TO 1 SM - NEW VISIBILITY TABLE.
 LINE 2: ADDED "MAX 6000" - MAXIMUM HOLDING ALTITUDE, PARA 8-6-7.B.(2).
 LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19I, PARA 8-6-7.G.(3).(A).
 CHANGED NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 54°C (130°F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -22°C OR ABOVE 54°C. - IAW 8260.19I, PARA 8-6-9.R.
 DELETED NOTE "DME/DME RNP-0.3 NA" AND ADDED NOTE "RNP APCH - GPS" - IAW 82660.19I, PARA 8-6-9.N. AND 8-6-8.B.(2).
 ADDITIONAL FLIGHT DATA: UPDATED VDP NOTE FROM 0.88 NM TO 1.38 NM TO RWY 34 AND DELETED ASTERISK - IAW 8260.19I, PARA 8-6-10.M AND 8-6-9.A.(4).
 REMOVED REMOTE ALTIMETER SOURCE NOTES "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARITON ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET.
 INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 SM." AND "BARO-VNAV AND VDP NA WHEN USING CHARITON ALTIMETER SETTING." - IAW 8260.19I, PARA 8-6-9.F.(3).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, AMGR

FLIGHT CHECKED BY

BRIAN P CARSON

Digitally signed by

JASON KRETSCHMER

Aug 18, 2022

OFFICE

FPO

DATE

08/09/2022

DEVELOPED BY

DALE SICKELS

Digitally signed by

JASON KRETSCHMER

May 27, 2022

OFFICE

AJV-A421

DATE

09/03/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

May 27, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTVK
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	404045.0820N
LTP/FTP LONGITUDE	0925353.9010W
LTP/FTP ELLIPSOIDAL HEIGHT	+02788
FPAP LATITUDE	404208.1300N
FPAP LONGITUDE	0925436.5100W
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	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BAB8959B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03109
FPAP ORTHOMETRIC HEIGHT	+03109

