

**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 16	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> CENTERVILLE	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1023	<u>TDZE</u> 1023	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 1	<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. 068/30 CW 248/30	NOPT	EJKAX	IF/IAF	3000
2. 248/30 CW 068/30		EJKAX	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EJKAX	IF/IAF	AYDOV		TF	FB	1.00	157.60	6.03	2700
AYDOV	FAF	ZUVKO/1.90 NM TO RW16		TF	FB	0.30	157.63	3.25	
ZUVKO/1.90 NM TO RW16		RW16	MAP	TF	FO	0.30	157.63	1.90	
RW16	MAP	1273 MSL		CA			157.63		
1273 MSL		JODIV		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JODIV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N EJKAX, RT, 157.60 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 157.63FAF: AYDOVDIST FAF TO MAP: 5.15DIST FAF TO THLD: 5.15
4. MIN ALT: EJKAX 3000, AYDOV 2700, ZUVKO/1.90 NM TO RW16 1660
5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.67GS ANT:
6. MIN GP INCPT: 2700GP ALT AT PFAF : AYDOV 2700OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -22°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 337.73 INBOUND.
CHART FAS OBST: 1102 TREE (19-061378) 404145N/0925500W.
CHART VDP AT 0.94 NM TO RW16.
WAAS CHANNEL # 70440
REFERENCE PATH ID: W16A
CHART CIRCLING ICON.
LTP HAE: 278.9 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	1273	1	250	1273	1	250		NA			NA				
LNAV/VNAV DA	1273	1	250	1273	1	250		NA			NA				
LNAV MDA	1360	1	337	1360	1	337		NA			NA				
CIRCLING	1420	1	397	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.
LINE 2: ADDED "MAX 6000" - MAXIMUM HOLDING ALTITUDE.
LINE 3: ADDED FAF AYDOV - IAW 8260.19I, PARA 8-6-7.C.
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).
REMOVED REMOTE ALTIMETER SOURCE NOTES "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARITON ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL VISIBILITIES 1/8 SM AND ALL MDA80 FEET." AND "BARO-VNAV AND VDP NA WHEN USING CHARITON ALTIMETER SETTING." - IAW 8260.19I, PARA 8-6-9.F.(3).
CHANGED FAS OBST FROM 1098 TOWER 404118N/0925349W TO 1102 TREE (19-061378) 404145N/0925500W - CURRENT OBSTACLES, IAW 8260.19I, PARA 8-6-10.C.
LTP HAE CHANGED FROM 279 M TO 278.9M, LTP/FTP LAT/LONG CHANGED FROM 404122.8040N / 0925413.2595W TO 404122.8045N / 0925413.2585W, LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +02790 TO +02789, FPAP FPAP LAT/LONG CHANGED FROM 403959.7570N / 0925330.6510W TO 403959.7580N / 0925330.6485W, LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM +031111 TO +031110, AND CRC REMAINDER CHANGED FROM A8EE03D0 TO BEEE7146 - IAW 8260.19I, APPENDIX K AND CURRENT DATA.

COORDINATED WITH:

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

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-A420

DATE

09/07/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
May 27, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTVK
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	404122.8045N
LTP/FTP LONGITUDE	0925413.2585W
LTP/FTP ELLIPSOIDAL HEIGHT	+02789
FPAP LATITUDE	403959.7580N
FPAP LONGITUDE	0925330.6485W
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	BEEE7146

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03110
FPAP ORTHOMETRIC HEIGHT	+03110

