FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
DVN	VOR RWY 21	8E	DAVENPORT	IA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
751	750	VOR RWY 21	8D	10/08/2020	4E	1965

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
CVA			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE

MISSED APPROACH

MAP:

7.14 NM AFTER CVA VORTAC OR AT CVA VORTAC 7.14 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2400 DIRECT CVA VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L **SIDE OF COURSE** 035.75 **OUTBOUND** 2400 **FT WITHIN** 10 **MILES OF** CVA VORTAC (IAF)
2.
3. FAC: 215.75 **FAF:** CVA VORTAC **DIST FAF TO MAP:** 7.14 **DIST FAF TO THLD:** 7.14
4. MIN ALT: CVA VORTAC 2400, HUSBO/4.00 DME 1260*
8. MSA FROM: CVA VORTAC 3100

NOTES:

CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MLI ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND S-21 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
*1320 WHEN USING MLI ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART 2700 PRIOR TO CVA VORTAC IN PROFILE.
HOLD NE, RT, 216.00 INBOUND.
CHART FAS OBST: 944 TANK (19-002095) 413908N/0903351W.
CHART CIRCLING ICON.

QUALITY 16 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
DVN	VOR RWY 21	8E	DAVENPORT	IA

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
S-21	1260	1	510	1260	1	510	1260	1 3/8	510	1260	1 3/8	510			
CIRCLING	1300	1	549	1300	1	549	1300	1 1/2	549	1320	2	569			
HUSBO FIX MINIMUMS (DME REQUIRED)															
S-21	1200	1	450	1200	1	450	1200	1 3/8	450	1200	1 3/8	450			
CIRCLING	1300	1	549	1300	1	549	1300	1 1/2	549	1320	2	569			

CHANGES - REASONS

1. PROFILE: LINE 1 SIDE OF COURSE CHANGED FROM "035.76" TO "035.77". OUTBOUND ALTITUDE CHANGED FROM "2400" TP "2700" - COURSE CHANGED DUE TO ROUNDING, GROUND TRACK NOT CHANGED AND NEW OBSTACLE IDENTIFIED IN PERIODIC REVIEW, CLEARS NOTAM 5-9356.
2. PROFILE: LINE 3 FAC CHANGED FROM "215.76" TO "215.77" - GROUND TRACK HAS NOT CHANGED, CHANGED DUE TO ROUNDING.
2. MAP: CHANGED MAP FROM "RW21 OR AT 7.14 DME" TO "7.14 NM AFTER CVA VORTAC OR AT CVA VORTAC 7.14 DME" - PER CRITERIA 8260.19J 8-6-6 (C) (2).
3. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "935 TANK (19-024568) 413910N/0903451W" TO "944 TANK (19-002095) 413908N/0903351W" - UPDATED SURVEY DATA TO CURRENT CONTROLLING OBSTACLE RE-SURVEYED 07/19/2004.
4. NOTES: ADDED "*1320 WHEN USING MLI ALTIMETER SETTING" - PER CRITERIA 8260.19J 8-6-7 (D) (6).
5. ADDITIONAL FLIGHT DATA: ADDED "CHART 2700 PRIOR TO CVA VORTAC IN PROFILE" - PER CRITERIA 8260.19J (A) (2)
6. ADDITIONAL FLIGHT DATA: REMOVED PROFILE NOTE "MINIMUM ALTITUDE AT HUSBO/4.0 DME - NO LONGER NEEDED.

05/20/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/24/2025.
PROFILE LINE 1: CORRECTED OUTBOUND ALTITUDE TO 2400.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, MLI ATCT, QUAD CITY APP CON, AMGR

FLIGHT CHECKED BY		OFFICE	DATE
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION		*Digitally signed by* ***DAVID DANNER*** Apr 24, 2025	
DEVELOPED BY		**OFFICE**	**DATE**
TRAVIS BRISTOW	*Digitally signed by* ***DAVID DANNER*** Apr 24, 2025	AJV-A421	
APPROVED BY		**OFFICE**	**DATE**
DAVID DANNER	*Digitally signed by* ***DAVID DANNER*** Apr 24, 2025	AJV-A421	

TITLE
MANAGER

QUALITY 16 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVN	VOR RWY 21	8E	DAVENPORT	IA	751	CVA

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE: PT

FROM	TO
10 NM	CVA VORTAC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	10.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	414233.00N/0902900.00W	998	164	125	4E	500				AT777 AC125	2400
TERRAIN	414233.00N/0902900.00W	764 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM	TO
CVA VORTAC	HUSBO/4.00 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.00			510	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TANK (19-002095)	413907.63N/0903350.85W	944	20	10	1B	250				XL57	1260

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVN	VOR RWY 21	8E	DAVENPORT	IA	751	CVA

FINAL: STEPDOWN

FROM	TO
HUSBO/4.00 DME	7.14 NM AFTER CVA VORTAC OR AT CVA VORTAC 7.14 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.14		7.14 NM AFTER CVA VORTAC OR AT CVA VORTAC 7.14 DME	450	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TANK (19-002095)	413907.63N/0903350.85W	944	20	10	1B	250					1200

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

ENTRY ZONE

FROM	TO
CVA VORTAC	10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-000834)	413758.00N/0902438.00W	1691	250	50	4D	1000					2700
TERRAIN	414136.00N/0903618.00W	807 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVN	VOR RWY 21	8E	DAVENPORT	IA	751	CVA

PROCEDURE TURN

FROM	TO
CVA VORTAC	10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	415603.00N/0901733.00W	1122	164	98	4E	1000					2200
TERRAIN	415633.00N/0901718.00W	892 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM	TO
	CVA VORTAC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					953

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2400
TOWER (19-001412)	414311.11N/0903412.88W	1167	250	50	4D	1000					2200
TERRAIN	414136.00N/0903618.00W	807 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVN	VOR RWY 21	8E	DAVENPORT	IA	751	CVA

MISSED APPROACH

FROM
7.14 NM AFTER CVA VORTAC OR AT CVA VORTAC 7.14 DME

TO
CVA VORTAC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					950

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2400
TOWER (19-001412)	414311.11N/0903412.88W	1167	250	50	4D	1000					2200
TERRAIN	414136.00N/0903618.00W	807 (800)								AS1500	2300

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
WATER_TOWER (19-047325)	413659.83N/0903425.16W	1.30	549/549	906	50	20	2C	300		XP94	1300/1300
CATEGORY B											
WATER_TOWER (19-047325)	413659.83N/0903425.16W	1.83	549/549	906	50	20	2C	300		XP94	1300/1300
CATEGORY C											
TANK (19-024658)	413924.92N/0903500.70W	2.88	549/549	992	50	20	2C	300			1300/1300
CATEGORY D											
AAO	414021.00N/0903503.00W	3.76	569/569	1008	215	8	4B	300			1320/1320

CIRCLING REMARKS:

XP - TO MAINTAIN PREVIOUS MINIMA.

MSA

CENTER
CVA VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (16-0716)	413248.70N/0902837.70W	174	9.7	2049	50	50	2D	1000			3100

MSA REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVN	VOR RWY 21	8E	DAVENPORT	IA	751	CVA

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAU ARTCC, QUAD CITY APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	DVN	24	DVN	0	Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
ASOS	MLI	24	MLI	10.38	Y	47

WX REMARKS:

RASS PRESSURE THE SAME.
KDVN 751, KMLI 590 RA = 46.4

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
CVA VORTAC	MOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03 - REIL (PCL), MIRL (PCL), VASI-4L (PCL)	NPI-F	
RW21 - REIL (PCL), MIRL (PCL), VASI-4L (PCL)	NPI-F	
RW33 - REIL (PCL), HIRL (PCL), VASI-4L (PCL)	NPI-G	
RW15 - MALSR (PCL), HIRL (PCL), VASI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	44.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	S-21	
20:1		
765 ROAD (19-030510) 413705.67N/0903504.10W (4.34) LIT		764 ROAD (19-030509) 413705.67N/0903502.73W (0.77) LIT
FINAL TYPE	S-21	
34:1		

764 ROAD (19-030515) 413705.67N/0903501.35W (5.11)	763 ROAD (19-030914) 413705.69N/0903459.97W (2.54)
763 ROAD (19-030516) 413705.69N/0903458.59W (1.02)	

PENETRATIONS REMARKS:

PER CEN FPT E-MAIL DATED 9/7/16, KDVNT0050 & DVNT0051 VERIFIED LIT. KDVNT0050 NEW ID 19-030509 & DVNT0051 NEW ID 19-030510. EVEN THOUGH 19-030509 & 19-030510 LIT.

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDA NOTE: OPTIMUM VDA NOT USED, PER ATC REQUEST.
VDA - NA. ANGLE LESS THAN 2.75 DEGREES, FPT IS AWARE THAT THIS PROCEDURE WILL NEED A FUTURE AMENDMENT TO CORRECT THE VDA.
VGSI DATA: 3.00/TCH 44.5.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	5.14
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	2.00
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	219.77
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	800
DISTANCE FROM	THLD	**TO 1500FT POINT**	6.94
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	2.00
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	219.77
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	800

THRESHOLD COORDINATES (IF STR-IN)	413701.22N/0903505.21W
ARP COORDINATES	413637.00N/0903518.10W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 33 DISTANCE 0.53 NM
FAF COORDINATES	414230.77N/0902859.93W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.
HUSBO SDF 413926.12N/903224.68W.

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
DVN	VOR RWY 21	8E	DAVENPORT	IA	751	CVA

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TRAVIS BRISTOW	AJV-A421		AERONAUTICAL INFORMATION SPECIALIST