

**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.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
DBQ	VOR RWY 36	7A	DUBUQUE	IA	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1076	1048	VOR RWY 36	03/26/2020	4E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
DBQ			ROUTINE		

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>
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MISSED APPROACH

MAP:

DBQ VORTAC

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3500 ON DBQ VORTAC R-322 TO CASSY INT/25.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT L SIDE OF COURSE 183.10 OUTBOUND 2700 FT WITHIN 10 MILES OF DBQ VORTAC (IAF)
-
- FAC: 003.10 DIST FAF TO MAP: DIST FAF TO THLD:
- MIN ALT:
- MSA FROM: DBQ VORTAC 2900

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DBQ VORTAC AIRWAY RADIALS 162 CW 234.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-36 CAT C/D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 321.53 INBOUND.
CHART FAS OBST: 1377 TOWER (19-002517) 421857N/0904133W.
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART CIRCLING ICON.



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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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-36	1680	2400	632	1680	2400	632	1680	1 3/8	632	1680	1 3/8	632			
CIRCLING	1680	1	604	1680	1	604	1680	1 3/4	604	1800	2 1/4	724			

CHANGES - REASONS

1. AIRPORT ELEVATION: CHANGED FROM "1077" TO "1076" - PER AIR NAV DATA.
2. ADDITIONAL FLIGHT DATA: REMOVED NOTE "CHART VDP AT 2.42 DME" - VDP IS REMOVED, NAVAID DISTANCE IS UNUSABLE
3. ADDITIONAL FLIGHT DATA: REMOVED NOTE "DISTANCE TO VDP THLD 1.86NM" - NO LONGER NEEDED.
4. MINIMUMS: CIRCLING CATS A-C HAA CHANGED FROM "603" TO "604" AND CAT D HAA CHANGED FROM "723" TO "724" - AIRPORT ELEVATION CHANGED.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DAVID DANNER

May 14, 2025

DATE

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

DAVID DANNER

May 14, 2025

OFFICE

AJV-A421

DATE

04/29/2025

APPROVED BY

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May 14, 2025

OFFICE

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DATE

08/28/2025

TITLE

MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
DBQ	VOR RWY 36	7A	DUBUQUE	IA	1076	DBQ

PART A: OBSTRUCTION DATA SEGMENTS

FINAL: PT

FROM 10 NM **TO** DBQ VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	7.50		DBQ VORTAC	632	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (19-002517)	421857.26N/0904133.27W	1377	50	20	2C	300					1680

COMPUTATIONS

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

SEGMENT REMARKS:

PROCEDURE TURN

FROM DBQ VORTAC **TO** 10 NM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (19-000014)	422416.00N/0903412.00W	1498	250	50	4D	1000					2500
TERRAIN	422345.00N/0903948.00W	1181 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:



MISSSED APPROACH PT

FROM

DBQ VORTAC

TO

CASSY INT/25.00 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1380			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3500
TOWER (19-001399)	423619.72N/0904756.76W	1540	50	20	2C	1000					2600
TERRAIN	424036.00N/0910115.00W	1302 (1300)								AS1500	2800

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											
TREE	422328.61N/0904032.62W	1.30	604	1279	50	20	2C	300		SI	1680
CATEGORY B											
TREE	422348.00N/0903958.00W	1.84	604	1289	50	20	2C	300		SI	1680
CATEGORY C											
TREE	422348.00N/0903958.00W	2.90	604	1289	50	20	2C	300		SI	1680
CATEGORY D											
TOWER (19-001763)	422245.00N/0904700.00W	3.79	724	1435	250	50	4D	300		AC50	1800

CIRCLING REMARKS:

MSA

CENTER

DBQ VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (55-001762)	423143.60N/0903658.50W	024	8.7	1878	500	125	5E	1000			2900

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

ALL VEGETATION ASSUMED TO BE 100'

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

DBQ TOWER, ZAU ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	DBQ	24	DBQ	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3	MXO	24	MXO	22.91	Y	88

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KDBQ 1077, KMXO 832
RA = 87.1.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
DBQ VORTAC	MOCC	24	1

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW13 - MALS (PCL), HIRL (PCL), PAPI-4R (PCL)	PIR-G	
RW18 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)	PIR-G	ROLL OUT
RW31 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	
RW36 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
					3.00	51.4

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	3000FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - NAVAID RESTRICTIONS.

CONTINGENCY ALTIMETER NOTE:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MXO ALTIMETER SETTING: INCREASE ALL MDA 100 FEET AND S-36 VISIBILITY CATS C/D 1/4 SM, CIRCLING CAT C 1/4 SM AND CAT D 1/2 SM.

FOR INOPERATIVE ALS, WHEN USING MXO ALTIMETER SETTING, INCREASE S-36 CAT C/D VISIBILITY TO 2 SM.
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	FACILITY	TO 1000FT POINT	7.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	4.80
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	007.10
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1200
DISTANCE FROM	FACILITY	TO 1500FT POINT	7.00
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	4.80
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	007.10
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1200

THRESHOLD COORDINATES (IF STR-IN) 422332.15N/0904243.26W

ARP COORDINATES 422407.20N/0904234.10W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 36 DISTANCE 0.59 NM

FAF COORDINATES

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

TRAVIS BRISTOW

OFFICE

AJV-A421

DATE

04/29/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

