

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> KMQB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> MACOMB	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 706	<u>TDZE</u> 706	<u>SUPERSEDED</u> RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 03/25/2021	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
BRL VOR/DME		HUKPO		TF	FB	1.00	175.68	6.24	2300
HUKPO	IAF	TUYOB	NOPT	TF	FB	1.00	175.69	6.00	2300
ZUVBO	IAF	TUYOB	NOPT	TF	FB	1.00	021.91	6.00	2300
TUYOB	IF/IAF	WEKEM		TF	FB	1.00	088.91	6.53	2300
WEKEM	FAF	GICSE/1.70 NM TO RW09		TF	FB	0.30	089.00	3.18	
GICSE/1.70 NM TO RW09		RW09	MAP	TF	FO	0.30	089.00	1.70	
RW09	MAP	906 MSL		CA			089.00		
906 MSL		WULIN		DF	FO	1.00			2300

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 DIRECT WULIN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W TUYOB, RT, 088.91 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 089.00FAF: WEKEMDIST FAF TO MAP: 4.88DIST FAF TO THLD: 4.88

4. MIN ALT: TUYOB 2300, WEKEM 2300, GICSE/1.70 NM TO RW09 1280

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.50GS ANT:

6. MIN GP INCPT: 2300GP ALT AT PFAF : WEKEM 2300OM:MM:IM:

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

8. MSA FROM: RW09 2500

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 18 AND 36.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BURLINGTON IA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 088 CW 241.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BURLINGTON IA ALTIMETER SETTING: INCREASE LPV DA TO 969 FEET AND LNAV/VNAV DA TO 1173 FEET; INCREASE ALL MDA 80 FEET AND VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 269.25 INBOUND.
CHART FAS OBST: 839 TREE 403103N/0904212W.
CHART VDP AT 1.10 NM TO RW09.
WAAS CHANNEL # 82531
REFERENCE PATH ID: W09A
LTP HAE: 181.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, 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
LPV DA	906	1	200	906	1	200	906	1	200	906	1	200			
LNAV/VNAV DA	1110	1 3/8	404	1110	1 3/8	404	1110	1 3/8	404	1110	1 3/8	404			
LNAV MDA	1100	1	394	1100	1	394	1100	1 1/8	394	1100	1 1/8	394			
CIRCLING	1120	1	414	1260	1	554	1520	2 1/2	814	1520	2 3/4	814			

CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM AMDT 1D (0/8305).
2. REMOVED "UIN VORTAC TO ZUVBO" FEEDER IN TERMINAL ROUTES - UIN VOR MON.
3. UPDATED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I 8-6-8.B.(2).
4. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UIN VORTAC AIRWAY RADIALS 321 CW 085" FROM NOTES SECTION - UIN FEEDER REMOVED, UIN VOR MON.
5. REMOVED "*" FROM "TUYOB 2300, WEKEM 2300, GICSE/1.70 NM TO RW09 1280*" IN PROFILE LINE 4 AND FROM "CHART VDP AT 1.10 NM TO RW09*" IN ADDITIONAL FLIGHT DATA; REMOVED NOTE "**LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED IAW 8260.19I 8-6-7.D.
6. UPDATED REMOTE ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BURLINGTON IA ALTIMETER SETTING AND INCREASE ALL DA 63 FEET AND ALL MDA 80 FEET; INCREASE LNAV VISIBILITIES CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BURLINGTON IA ALTIMETER SETTING: INCREASE LPV DA TO 969 FEET AND LNAV/VNAV DA TO 1173 FEET; INCREASE ALL MDA 80 FEET AND VISIBILITY CATS C AND D 1/4 SM" - IAW 8260.19I 8-6-9.F.(4).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMU, 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**DATE**

Digitally signed by

JASON KRETSCHMER

Mar 20, 2023

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

Digitally signed by

JASON KRETSCHMER

Mar 20, 2023

OFFICE

AJV-A421

DATE

11/17/2022

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Mar 20, 2023

OFFICE

AJV-A421

DATE**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMQB
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	403110.9130N
LTP/FTP LONGITUDE	0903939.7645W
LTP/FTP ELLIPSOIDAL HEIGHT	+01819
FPAP LATITUDE	403110.7800N
FPAP LONGITUDE	0903742.9300W
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	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E9DE5784

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02151
FPAP ORTHOMETRIC HEIGHT	+02151

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

<u>AIRPORT ID</u> KMQB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9	<u>AMDT NO.</u> 1E	<u>CITY</u> MACOMB	<u>STATE</u> IL	<u>AIRPORT ELEVATION</u> 706	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
BRL VOR/DME

TO
HUKPO

<u>RNP</u>	<u>DISTANCE</u> 6.24	<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>
AAO	404015.00N/0905312.00W		1004	164	98	4E	1000					2100
TERRAIN	404015.00N/0905312.00W		804 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
HUKPO

TO
TUYOB

<u>RNP</u>	<u>DISTANCE</u> 6.00	<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>
AAO	403730.00N/0905342.00W		1001	164	98	4E	1000					2100
TERRAIN	403451.00N/0905112.00W		788 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM
ZUVBO

TO
TUYOB

RNP	DISTANCE 6.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	402854.00N/0905521.00W		962	164	98	4E	1000					2000
TERRAIN	402854.00N/0905521.00W		762 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
TUYOB (IF/IAF)

TO
WEKEM

RNP	DISTANCE 6.53	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-002566)	403201.00N/0905145.00W		1031	500	50	5D	500					1600
TERRAIN	403427.00N/0905003.00W		778 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM
WEKEM

TO
RW09

RNP	DISTANCE 4.88	PAT	MAP DA	HAT 200	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				906

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
WEKEM

TO
RW09

RNP	DISTANCE 4.88	PAT	MAP DA	HAT 404	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	403145.03N/0904102.38W		811	50	20	2C		23.44:1			AC20	1110

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM
WEKEM

TO
GICSE/1.70 NM TO RW09

<u>RNP</u>	<u>DISTANCE</u> 3.18	<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>
AAO	403212.10N/0904626.38W		949	50	20	2C	250				RA63	1280

COMPUTATIONS

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

FINAL: LNAV STEPDOWN

FROM
GICSE/1.70 NM TO RW09

TO
RW09

<u>RNP</u>	<u>DISTANCE</u> 1.70	<u>PAT</u>	<u>MAP</u> RW09	<u>HAT</u> 394			<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>
TREE	403103.00N/0904212.00W		839	50	20	2C	250					1100

COMPUTATIONS

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



HOLD-IN-LIEU OF PT

FROM
TUYOB

TO
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-002476)	403410.35N/0910106.25W		1062	50	20	2C	1000					2100
TERRAIN	403312.00N/0904957.00W		771 (800)	50	20	2C					AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM
DA

TO
WULIN

RNP	DISTANCE	PAT	MAP	HAT			HMAS 741					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2300
TOWER (17-002048)	403244.15N/0902909.00W		1024	500	50	5D	1000					2100
TERRAIN	403009.00N/0902721.00W		755 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
WULIN

RNP	DISTANCE	PAT	MAP	HAT			HMAS 949					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2300
TOWER (17-002048)	403244.15N/0902909.00W		1024	500	50	5D	1000					2100
TERRAIN	403009.00N/0902721.00W		755 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM
RW09

TO
WULIN

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1000					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2300
TOWER (17-002048)	403244.15N/0902909.00W		1024	500	50	5D	1000					2100
TERRAIN	403009.00N/0902721.00W		755 (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											
TREE	403146.20N/0904102.36W	1.30	414	819	50	20	2C	300			1120
CATEGORY B											
TOWER (17-000243)	402952.43N/0904031.46W	1.83	554	895	50	20	2C	300		XP65	1260
CATEGORY C											
TOWER (17-000417)	402858.80N/0904151.78W	2.88	814	1209	50	20	2C	300			1520
CATEGORY D											
TOWER (17-000417)	402858.80N/0904151.78W	3.76	814	1209	50	20	2C	300			1520

CIRCLING REMARKS:
XP: ADJUSTMENT TO MAINTAIN CURRENT MDA/HAA VALUES.

MSA

CENTER	RADIUS
RW09	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (17-002350)	404103.42N/0903528.58W	017	10.4	1418	50	20	2C	1000			2500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAU ARTCC, IKK FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> KMQB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KMQB	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KBRL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KBRL	<u>DISTANCE</u> 26.72	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 63

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KMQB 706, KBRL 698
RA = 62.6.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW27 - HIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 705.7	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 43.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -16C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -16C	<u>APT ISA</u> +13.6C
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CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
DESCENT RATE (FPM): STANDARD TEMP 965 HIGH TEMP 1272.

"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.
ALL ASSUMED VEGETATION 100'.
TAA NOT APPLIED IAW ATC REQUEST.
BURLINGTON IS IN IOWA, SO STATE ID ADDED TO NOTE.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

<div>AIRPORT ID</div> <div>KMQB</div>	<div>PROCEDURE NAME</div> <div>RNAV (GPS) RWY 9</div>	<div>AMDT NO.</div> <div>1E</div>	<div>CITY</div> <div>MACOMB</div>	<div>STATE</div> <div>IL</div>	<div>AIRPORT ELEVATION</div> <div>706</div>	<div>FACILITY</div> <div>RNAV</div>
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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	3.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	090.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	749
DISTANCE FROM	THLD	TO 1500FT POINT	4.68
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	090.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	749

THRESHOLD
COORDINATES
(IF STR-IN)

403110.91N/0903939.76W

ARP COORDINATES

403112.30N/0903908.60W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 27 DISTANCE 0.44 NM

FAF
COORDINATES

403111.09N/0904603.76W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
13
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 10 of 11

PART E: PREPARED BY

<u>NAME</u> JASON KRETSCHMER (COLIN CAMPBELL)	<u>OFFICE</u> AJV-A421	<u>DATE</u> 11/17/2022	<u>TITLE</u>
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