

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> KARB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2F	<u>CITY</u> ANN ARBOR	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 839	<u>TDZE</u> 831	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> 2E	<u>DATED</u> 07/18/2019	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 150/30 CW 330/30	NOPT	VAQOL	IF/IAF	3000
2. 330/30 CW 150/30		VAQOL	IAF	3100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VAQOL	IF/IAF	WUVRU		TF	FB	0.50	239.68	6.93	2500
WUVRU	FAF	ISPIW/2.50 NM TO RW24		TF	FB	0.30	239.59	2.63	
ISPIW/2.50 NM TO RW24		RW24	MAP	TF	FO	0.30	239.59	2.50	
RW24	MAP	1132 MSL		CA			239.59		
1132 MSL		YACNU		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT YACNU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE VAQOL, RT, 239.68 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAC: 239.59FAF: WUVRU

DIST FAF TO MAP: 5.13DIST FAF TO THLD: 5.13

4. MIN ALT: WUVRU 2500, ISPIW/2.50 NM TO RW24 1660

5. DIST TO THLD FROM OM:MM:IM:150 HAT:301 HAT: 0.83GS ANT:

6. MIN GP INCPT: 2500GP ALT AT PFAF : WUVRU 2500OM: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 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 38°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 059.37 INBOUND.
CHART FAS OBST: 989 TREE 421349N/0834259W.
WAAS CHANNEL # 61120
REFERENCE PATH ID: W24A
LTP HAE: 217.6 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	1132	1	301	1132	1	301	1132	1	301	1132	1	301			
LNAV/VNAV DA	1170	1	339	1170	1	339	1170	1	339	1170	1	339			
LNAV MDA	1300	1	469	1300	1	469	1300	1 3/8	469	1300	1 3/8	469			



CHANGES - REASONS

1. RAISED PRIMARY/SECONDARY LPV DA FROM 1081/1119 TO 1132/1174 - NEW MA CONTROLLING OBSTACLE: 912 TRANSMISSION LINE (26-128998) 421347.33N/0834347.00W.
2. RAISED PRIMARY/SECONDARY LNAV/VNAV DA FROM 1155/1195 TO 1170/1212 - ADDED AC ADJUSTMENT FOR EXISTING UD OBSTACLE.
3. FAF TO HAT DISTANCE CHANGED FROM 0.66 TO 0.83 NM - HAT CHANGED FROM 250 TO 301.
4. MA CA LEG INCREASED FROM 1076 TO 1132 - LPV DA INCREASE.
5. INCREASED CAT C/D LNAV VISIBILITY FROM 1 1/4 TO 1 3/8 - BASED ON CURRENT VISIBILITY CRITERIA.
6. CHANGED NOTE "RNP APCH" TO "RNP APCH - GPS" -- IAW 8260.19I 8-6-8(B)2.
7. REMOVED ALL REFERENCE TO "*" TO INDICATE LNAV ONLY - IAW 8260.19I 8-6-10(M).
8. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLOW RUN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET" - MOVED SECONDARY ALTIMETER INFORMATION TO 8260-9 FORM IAW 8260.19I 8-6-9(F)3.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, AMGR, ARB ATCT, DTW APP CON, STATE AVIATION.

FLIGHT CHECKED BY**OFFICE****DATE****DEVELOPED BY**

KARLIE BUNTIN

*Digitally signed by***KARLIE B BUNTIN**

Mar 21, 2022

OFFICE

AJV-A432

DATE

03/18/2022

APPROVED BY

LONNIE EVERHART

*Digitally signed by***CASIMIR L TABAKA**

Apr 26, 2022

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARB
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	421332.9680N
LTP/FTP LONGITUDE	0834422.4465W
LTP/FTP ELLIPSOIDAL HEIGHT	+02176
FPAP LATITUDE	421241.2400N
FPAP LONGITUDE	0834600.1000W
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	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F15FFE25

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02518
FPAP ORTHOMETRIC HEIGHT	+02518

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

<u>AIRPORT ID</u> KARB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>AMDT NO.</u> 2F	<u>CITY</u> ANN ARBOR	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 839	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
150/30 CW 330/30

TO
VAQOL

<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>	
1.TOWER (26-000093)	422858.00N/0831219.00W	1749	20	50	1D	1000				AT251	3000	
2.TERRAIN	424845.00N/0831212.00W	1244 (1200)								AS1500	2700	

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

STRAIGHT-IN AREA

FROM
330/30 CW 150/30

TO
VAQOL

<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>	
3.TOWER (26-000991)	422225.60N/0840410.22W	2045	20	3	1A	1000					3100	
4.TERRAIN	423406.00N/0834012.00W	1205 (1200)								AS1500	2700	

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



INTERMEDIATE

FROM
VAQOL (IF/IAF)

TO
WUVRU

RNP	DISTANCE 6.93	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (26-000689)	421802.70N/0833827.80W		1255	50	20	2C	500				AT745	2500
6.TERRAIN	421724.00N/0833845.00W		903 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM
WUVRU

TO
RW24

RNP	DISTANCE 5.13	PAT	MAP DA	HAT 301			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRANSMISSION_LINE (26-128997)	421347.33N/0834347.00W		912	50	20	2C		34:1			AC20 MA51	1132

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM
WUVRU

TO
RW24

RNP	DISTANCE 5.13	PAT	MAP DA	HAT 339			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.TREE	421349.09N/0834258.89W		989	50	20	2C	161				AC20	1170

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

FROM
WUVRU

TO
ISPIW/2.50 NM TO RW24

RNP	DISTANCE 2.63	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	421648.65N/0833940.81W		1079	50	20	2C	250				RA40 DG291	1660

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
ISPIW/2.50 NM TO RW24

TO
RW24

<u>RNP</u>	<u>DISTANCE</u> 2.50	<u>PAT</u>	<u>MAP</u> RW24	<u>HAT</u> 469			<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>
8.TREE	421349.09N/0834258.89W		989	50	20	2C	250				XP61	1300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:
XP61: 61FT ADJUSTMENT ADDED TO MAINTAIN CURRENT MDA.
HOLD-IN-LIEU OF PT

FROM
VAQOL

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
10.TOWER (26-000724)	422522.00N/0832739.00W		1250	500	50	5D	1000				AT750	3000
11.TERRAIN	422403.00N/0833315.00W		1018 (1000)								AS1500	2500

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



MISSED APPROACH : LPV

FROM
DA

TO
YACNU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 920					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRANSMISSION_LINE (26-128998)	421351.84N/0834347.81W		911	50	20	2C		ASC				3000
12.AAO	420715.00N/0840036.00W		1214	164	98	4E	1000					2300
13.TERRAIN	420715.00N/0840036.00W		1014 (1000)								AS1500	2500

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

MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
YACNU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1009					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
12.AAO	420715.00N/0840036.00W		1214	164	98	4E	1000					2300
13.TERRAIN	420715.00N/0840036.00W		1014 (1000)								AS1500	2500

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



MISSED APPROACH : LNAV

FROM

RW24

TO

YACNU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1200					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
12.AAO	420715.00N/0840036.00W		1214	164	98	4E	1000					2300
13.TERRAIN	420715.00N/0840036.00W		1014 (1000)								AS1500	2500

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

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
DTW APP CON, ARB TOWER, ZOB ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KARB	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KARB	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KYIP	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KYIP	<u>DISTANCE</u> 10.06	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 41.7

WX REMARKS:

<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>
RW6 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW24 - MIRL (PCL), VASI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 826	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 20.0
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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> +13.34C
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CRITICAL TEMPERATURE REMARKS:

CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 966 HIGH TEMP 1274.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LPV, LNAV/VNAV, LNAV	
34:1		
887 TREE 26-029750 421338.94N/ 0924404.05W 23.41		866 TREE 26-029874 421342.45N/ 0834411.74W 10.21
867 TREE 26-029875 421338.98N/ 0834407.76W 10.03		879 TREE 26-029752 421343.25N/ 0834407.22W 13.68
884 TREE 26-029757 421342.00N/0834403.13W 13.47		875 TREE 26-029753 421344.02N/0834407.17W 8.26
879 TREE 26-029754 421342.23N/0834403.89W 9.44		899 TREE 26-029762 421343.30N/0834357.72W 16.47
899 TREE 26-029764 421342.57N/0834355.15W 13.1		873 TREE 26-092869 421345.71N/0834406.47W 2.08
888 TREE 26-029761 421343.20N/0834358.96W 7.88		898 TREE 26-029738 421344.82N/0834356.63W 10.86
912 TRANSMISSION_LINE 26-128997 421347.33N/0834347.00W 3.19		

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.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLOW RUN ALTIMETER SETTING: INCREASE LPV DA TO 1174 FEET, INCREASE LNAV/VNAV DA TO 1212 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/8 SM.

VGSI DATA 3.00/20 TCH

USED 100 FT VEGETATION.

INITIALS NOT DEVELOPED. LEG LENGTHS EXCEED 10NM TO ACCOMMODATE 90 DEGREE TURNS TO THE IAF. TAA DEVELOPED IAW CLARIFICATION OF APPLICATION OF TAA MEMO DATED 09/03/10.

NO ADDITIONAL AIRSPACE REQUIRED.



<u>AIRPORT ID</u> KARB	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>AMDT NO.</u> 2F	<u>CITY</u> ANN ARBOR	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 839	<u>FACILITY</u> RNAV
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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	3.25
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	234.53
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.93
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	234.53
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD
COORDINATES
(IF STR-IN)

421332.97N/0834422.45W

ARP COORDINATES

421322.53N/0834444.37W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 24 DISTANCE 0.32 NM

FAF
COORDINATES

421631.54N/0833844.72W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
13
CHECKED

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

Electronic Version

Page 9 of 10

PART E: PREPARED BY

<u>NAME</u> KARLIE BUNTIN	<u>OFFICE</u> AJV-A432	<u>DATE</u> 03/18/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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