

**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> CMY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> SPARTA	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 839	<u>TDZE</u> 831	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>DATED</u> 12/30/2021	<u>MAG VAR</u> 0E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<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>
FAPKO	IAF	KOLGY		TF	FB	1.00	000.46	10.66	3200
KOLGY	IF	HUVEG		TF	FB	1.00	292.31	3.60	3000
HUVEG		BEJAY		TF	FB	1.00	292.26	2.50	2500
BEJAY	FAF	FASGO/2.70 NM TO RW29		TF	FB	0.30	292.22	2.41	
FASGO/2.70 NM TO RW29		RW29	MAP	TF	FO	0.30	292.22	2.70	
RW29	MAP	1107 MSL		CA			292.22		
1107 MSL		ESOKY		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT ESOKY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT KOLGY
- FAC: 292.22 FAF: BEJAY DIST FAF TO MAP: 5.11 DIST FAF TO THLD: 5.11
- MIN ALT: KOLGY 3200, HUVEG 3000, BEJAY 2500, FASGO/2.70 NM TO RW29 1720
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 276 HAT: 0.74 GS ANT: MM: IM:
- MIN GP INCPT: 2500 GP ALT AT PFAF: BEJAY 2500 OM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 40.0
- MSA FROM: RW29 3500



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT IN RUNWAY 29, CIRCLING RUNWAY 11, 19, 29 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FAPKO ON V82-170-510 EASTBOUND.
CHART NOTE: PROCEDURE NOT AUTHORIZED WHEN R-6901B IS ACTIVE.

ADDITIONAL FLIGHT DATA:

CHART R-6901 A/B
FAS OBSTACLE: 1118 TREE 435809N/0904330W
HOLD W, RT, 111.93 INBOUND.
WAAS CHANNEL # 56318
REFERENCE PATH ID: W29A
CHART CIRCLING ICON.
LTP HAE: 220 M

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1100-3, 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	1107	1	276	1107	1	276	1107	1	276	1107	1	276			
LNAV/VNAV DA	1263	1 1/4	432	1263	1 1/4	432	1263	1 1/4	432	1263	1 1/4	432			
LNAV MDA	1320	1	489	1320	1	489	1320	1 3/8	489	1320	1 3/8	489			
CIRCLING	1520	1	681	1560	1	721	1620	2 1/4	781	1880	3	1041			



CHANGES - REASONS

1. FINAL: 20:1 NOT CLEAR ADDED - NEW 20:1 OBSTACLES
2. CHART NOTES: STRAIGHT IN RUNWAY 29, CIRCLING RUNWAY 11, 19 NA AT NIGHT. - NEW 20:1 OBSTACLES
3. CHART NOTES: RWY 29 HELIOPTR VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED ADDED.
4. EQUIP PBN NOTE: RNP APCH - GPS ADDED - IAW WITH CURRENT CRITERIA
5. CHART NOTES: DME/DME RNP-0.3 NA REMOVED - IAW CURRENT CRITERIA
6. CHART NOTES: BARO-VNAV AND VDP NA WHEN USING LA CROSSE ALTIMETER SETTING REMOVED - VDP NA DUE TO 20:1 OBSTACLES
7. CHART NOTE: UPDATED BARO-VNAV NOTE TO REMOVE FARENHEIT VALUES IAW CURRENT CRITERIA
8. ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON NOTE ADDED
9. CHART NOTE: BARO-VNAV NA WHEN USING LSE ALTIMETER SETTING ADDED
10. LPV MINIMA: VISIBILITY RAISED ALL CATS FROM 7/8SM TO 1SM - NEW 20:1 OBSTACLES
11. LNAV/VNAV MINIMA: VISIBILITY LOWERED ALL CATS FROM 1 1/2SM TO 1 1/4SM - NEW OBSTACLE EVALUATION
12. CIRCLING MINIMA: CAT D CIRCLING MDA RAISED FROM 1860 TO 1880 - NEW OBSTACLE EVALUATION
13. FAS OBSTACLE: FAS OBSTACLE 1118 TREE 435809N/0904330W ADDED - NEW OBSTACLE EVALUATION
14. FAS DATA BLOCK: FPAP LAT/LONG CHANGED FROM 435801.7500N/09045450.8700W TO 435801.7610N/0904545.8405W - NEW GEOGRAPHIC INFO
15. GENERAL REMARKS: AWOS INFO REMOVED
16. 7:1 OBSTACLE: NEW 7:1 OBSTACLE 1310 AAO 435539N/0903757W ADDED TO GENERAL REMARKS OF -9
17. NOTES: AIRSPACE LETTER ATTACHED NOTE REMOVED
18. FAS DATA: CRC REMAINDER CHANGED FROM 64ECA0C5 TO 6234F013
19. FAS DATA LTP CHANGED FROM 435728.1775N/0904351.5860W TO 435728.1730N/0904351.5765W-NEW FAS DATA
20. ADDED BACKUP ALTIMETER CONTINGENCY NOTE

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP, SPARTA ATCT, ARPT MGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

LIAM DONAHUE (NICHOLAS HEIDERSTADT)

OFFICE

DATE

AJV-A33

08/08/2024

APPROVED BY

JOHN BORDY

OFFICE

DATE

TITLE

AJV-A33

MANAGER



AIRPORT ID
CMY

PROCEDURE NAME
RNAV (GPS) RWY 29

ORIGINAL/AMENDMENT
2

CITY
SPARTA

STATE
WI

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCMY
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	435728.1730N
LTP/FTP LONGITUDE	0904351.5765W
LTP/FTP ELLIPSOIDAL HEIGHT	+02200
FPAP LATITUDE	435801.7610N
FPAP LONGITUDE	0904545.8405W
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	1448
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	6234F013
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02533
FPAP ORTHOMETRIC HEIGHT	+02533



**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>
CMY	RNAV (GPS) RWY 29	2	SPARTA	WI	839	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM FAPKO **TO** KOLGY

RNP 1.00 **DISTANCE** 10.66 **PAT** **MAP** **HAT** **HMAS**

<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 (55-000827)	435110.10N/0902736.50W	2170	500	125	5E	1000					3200
TERRAIN	435400.00N/0902748.00W	1443 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM KOLGY **TO** HUVEG

RNP 1.00 **DISTANCE** 3.60 **PAT** **MAP** **HAT** **HMAS**

<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 (55-001447)	435349.88N/0903457.47W	1939	250	50	4D	500					2500
TERRAIN	435227.00N/0903436.00W	1456 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:



INTERMEDIATE: STEPDOWN

FROM

HUVEG

TO

BEJAY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	2.50										
<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 (55-001447)	435349.88N/0903457.47W	1939	250	50	4D	500					2500
TERRAIN	435342.00N/0903503.00W	1450 (1500)								AS1000	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

BEJAY

TO

RW29

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.11		DA				276				
<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 (55-034920)	435714.75N/0904322.57W	906	50	20	2C		34:1			AC20 MA181	1107

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

BEJAY

TO

RW29

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	5.11		DA		432						
<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	435630.00N/0904242.00W	960	250	8	4B		23.37:1			AC8 MA295	1263

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

BEJAY

TO

FASGO/2.70 NM TO RW29

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.41										
<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>
TRANSMISSION_LINE (55-026935)	435618.89N/0903754.99W	1079	500	125	5E	250				RA80 AC125 DG186	1720

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

FASGO/2.70 NM TO RW29

TO

RW29

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.70		RW29				489				
<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	435809.00N/0904330.00W	1118	215	8	4B	250				SA-77 AC8 XP21	1320

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP21 ESTABLISHED TO MAINTAIN PUBLISHED MINS

MISSED APPROACH: LPV

FROM

DA

TO

ESOKY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											908
<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 (55-034920)	435714.75N/0904322.57W	906	50	20	2C		ASC				4000
AAO	440133.00N/0905439.00W	1608	215	8	4B	1000					2700
TERRAIN	440133.00N/0905439.00W	1407 (1400)								AS1500	2900

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

ESOKY

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1102				
<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	435630.00N/0904242.00W	960	215	8	4B		ASC				4000
AAO	440133.00N/0905439.00W	1608	215	8	4B	1000					2700
TERRAIN	440133.00N/0905439.00W	1407 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW29

TO

ESOKY

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1220				
<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				4000
AAO	440133.00N/0905439.00W	1608	215	8	4B	1000					2700
TERRAIN	440133.00N/0905439.00W	1407 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
CMY

PROCEDURE NAME
RNAV (GPS) RWY 29

AMDT NO.
2

CITY
SPARTA

STATE
WI

AIRPORT ELEVATION
839

FACILITY
RNAV

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	435815.00N/0904242.00W	1.30	681	1203	215	8	4B	300			1520
CATEGORY B											
TREE	435527.00N/0904357.00W	1.83	721	1255	215	8	4B	300			1560
CATEGORY C											
TREE	435439.00N/0904148.00W	2.89	781	1308	215	8	4B	300			1620
CATEGORY D											
TREE	435403.00N/0904148.00W	3.77	1041	1575	215	8	4B	300			1880

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW29	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (55-000415)	440527.45N/0912017.50W	287	27.5	2411	20	50	1D	1000			3500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, CMY TOWER

<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	CMY	24	CMY	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>
ASOS	LSE	24	LSE	22.93	Y	79

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KCMY 839 MSL, KLSE 651 MSL
RA = 79.0 FT.
CRITICAL TEMPERATURES REMARKS
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30°C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 966 HIGH TEMP 1274

<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>
RW01 - MIRL (PCL), PAPI-2L		NPI-G	
RW11 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW19 - MIRL (PCL), PAPI-2L		NPI-G	
RW29 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	

<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	831.2	40.0			3.00	42.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	431
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C	+54C	-16C	+13.34C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 966 HIGH TEMP 1274.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 11
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AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CMY	RNAV (GPS) RWY 29	2	SPARTA	WI	839	RNAV
20:1						
881 TREE (55-104035) 435745.6500N/0904502.7400W (8.07)			878 TREE (55-101093) 435746.7500N/0904502.6000W (3.45)			
FINAL TYPE	CIRCLING RWY 19					
20:1						
1019 TREE (55-101221) 435816.3800N/0904347.1600W (0.05)						
FINAL TYPE	CIRLCING RWY 29					
20:1						
846 TRAVERSE_WAY (55-031079) 435725.5900N/0904346.5100W (2.7)						
FINAL TYPE	LPV, LNAV/VNAV, LNAV					
20:1						
846 TRAVERSE_WAY (55-031079) 435725.5900N/0904346.5100W (2.7)						
FINAL TYPE	LPV, LNAV/VNAV, LNAV					
34:1						
906 TREE (55-034920) 435714.7500N/0904322.5700W (7.81)			882 TREE (55-101043) 435719.8700N/0904330.1800W (4.72)			
883 TREE (55-102555) 435719.7100N/0904329.0700W (3.33)			887 TREE (55-104358) 435721.6700N/0904325.8500W (3.12)			
880 TREE (55-103804) 435719.6100N/0904329.7900W (1.65)						
PENETRATIONS REMARKS:						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:



PART C: GENERAL REMARKS:

THRESHOLD DISPLACED 431 FT.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1310 AAO 435539N/0903757W.

BARO-VNAV NA WHEN USING LSE ALTIMETER SETTING. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LSE ALTIMETER SETTING AND INCREASE LPV DA TO 1186 FEET; INCREASE LNAV/VNAV DA TO 1342 FEET AND LNAV/VNAV VISIBILITIES ALL CATS 1/8 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

TAA NOT DEVELOPED PER FPO

100FT VEGETATION HEIGHT USED PER PREVIOUS PROCEDURES

VDP NA DUE TO 20:1 PENETRATIONS

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	4.49
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.55
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	292.22
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	10.81
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	5.71
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	292.26
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1500

THRESHOLD COORDINATES (IF STR-IN)	435728.17N/0904351.58W
ARP COORDINATES	435731.38N/0904416.23W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.41 NM
FAF COORDINATES	435532.32N/0903718.25W
FIX NAME COORDINATES	IF KOLGY 435313.63N/0902929.73W

REMARKS

HUVEG: 435435.55N/0903406.16W

THLD DISPLACED 431FT, ACTUAL COORDINATES: 435726.57N/0904346.12W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
LIAM DONAHUE (NICHOLAS HEIDERSTADT)	AJV-A33	08/08/2024	AERONAUTICAL INFORMATION SPECIALIST

