

**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> CMY	<u>PROCEDURE NAME</u> VOR RWY 11	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> SPARTA	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 839	<u>TDZE</u> 829	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>
<u>FACILITY</u> ODI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1E
				<u>EPOCH YEAR</u> 1995
				<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>
ODI VORTAC	IAF	MAHIN/18.53 DME					083.28	18.53	2900
MAHIN/18.53 DME	IF	COMPT/25.03 DME					083.28	6.50	2900

MISSED APPROACH

MAP:

6.39 NM AFTER COMPT/25.03 DME OR AT 31.42 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4000 ON HEADING 295 AND ON ODI R-083 TO ODI VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT MAHIN/18.53 DME					
3. FAC: 083.28	FAF: COMPT/25.03 DME		DIST FAF TO MAP: 6.39	DIST FAF TO THLD: 6.39	
4. MIN ALT: MAHIN/18.53 DME 2900, COMPT/25.03 DME 2900					
8. MSA FROM: ARP KCMY 3500					



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LSE ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ODI VOR/DME ON V82, V170, AND V510 NORTHWEST BOUND.
CHART NOTE: STRAIGHT-IN RWY 11 NA AT NIGHT, CIRCLING RWY 11, 19, 29 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

COMPT TO RW11: 3.00/42.3
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 27.86 DEGREES.
CHART R-6901 A/B.
HOLD W, RT, 083.28 INBOUND.
CHART FAS OBST: 1561 TOWER (55-000008) 435807N/0905136W.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ CAT A, B 1200-2, CAT C, D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-11	1960	1 1/4	1131	1960	1 1/2	1131	1960	3	1131	1960	3	1131			
CIRCLING	1960	1 1/4	1121	1960	1 1/2	1121	1960	3	1121	1960	3	1121			

CHANGES - REASONS

03/12/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/27/24.
1. S-11 CAT B VISIBILITY CHANGED FROM 1/2 TO 1 1/2 - CORRECTED DOCUMENTATION ERROR.

07/23/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/10/2025.
1. MOVED "CHART R-6109 A/B." FROM NOTES TO ADDITIONAL FLIGHT DATA.
2. CORRECTED NOTE FROM "FINAL OFFSET ANGLE: 27.86 RIGHT" TO "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 27.86 DEGREES."

07/24/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/10/2025.
ADDITIONAL FLIGHT DATA: CORRECTED R-6109 A/B TO R-6901 A/B.

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZMP, SPARTA ATCT, AMGR

FLIGHT CHECKED BY
SHAWN DOUGLAS MAXWELL

Digitally signed by
CASIMIR L TABAKA
Jul 23, 2025

OFFICE
FIOG
DATE
07/01/2025

DEVELOPED BY
JAMES ROGERS (PATRICK DAVIS)

Digitally signed by
CASIMIR L TABAKA
Jul 23, 2025

OFFICE
AJV-A33
DATE
09/27/2024

APPROVED BY
JOHN BORDY

Digitally signed by
CASIMIR L TABAKA
Jul 23, 2025

OFFICE
AJV-A33
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>
CMY	VOR RWY 11	ORIG	SPARTA	WI	839	ODI

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM ODI VORTAC **TO** MAHIN/18.53 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	18.53				

<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 (27-020460)	435533.53N/0912610.25W	1599	500	125	5E	1000					2600
TERRAIN	435809.00N/0910715.00W	1354 (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 MAHIN/18.53 DME **TO** COMPT/25.03 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	6.50				

<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>
AAO	435945.00N/0905830.00W	1572	215	8	4B	500					2100
TERRAIN	435945.00N/0905830.00W	1371 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL

FROM

COMPT/25.03 DME

TO

6.39 NM AFTER COMPT/25.03 DME OR AT 31.42 DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

6.39

6.39 NM AFTER
COMPT/25.03 DME OR AT
31.42 DME

1131

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (55-000008)	435806.83N/0905136.48W	1561	250	125	4E	250				XL20 AC125	1960

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH

FROM

6.39 NM AFTER COMPT/25.03 DME OR AT 31.42 DME

TO

ODI VORTAC

RNP

DISTANCE

PAT

MAP

HAT

HMAS

1690

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	435309.00N/0904003.00W	1628	215	8	4B	1000					2700
TERRAIN	435309.00N/0904003.00W	1427 (1400)								AS1500	2900

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 (55-101978)	435815.82N/0904242.66W	1.30	1121	1172	20	10	1B	300		SI	1960
CATEGORY B											
TREE (55-104531)	435522.84N/0904404.73W	1.84	1121	1246	20	10	1B	300		SI	1960
CATEGORY C											
TREE	435439.00N/0904227.00W	2.89	1121	1311	215	8	4B	300		SI	1960
CATEGORY D											
AAO	435403.00N/0904148.00W	3.78	1121	1575	215	8	4B	300		SI	1960

CIRCLING REMARKS:

MSA

CENTER

ARP KCMY

RADIUS

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	27.2	2411	20	50	1D	1000			3500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> CMY	<u>HRS OPERATION</u> FULL-TIME	<u>ALTIMETER SOURCE</u> CMY	<u>DISTANCE</u> 0	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> LSE	<u>HRS OPERATION</u> FULL-TIME	<u>ALTIMETER SOURCE</u> LSE	<u>DISTANCE</u> 22.93	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 79

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
CMY 839, LSE 651
RA = 79.0

<u>PRIMARY NAVAID</u> ODI VORTAC	<u>MONITOR POINT</u> MOCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<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 - REIL (PCL), MIRL (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> 3.00	<u>TCH</u> 42.3
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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>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING KCMY:RW11
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 KCMY:RW29
20:1	
846 TRAVERSE_WAY (55-031079) 435725.5900N/0904346.5100W (2.7)	

<u>AIRPORT ID</u> CMY		<u>PROCEDURE NAME</u> VOR RWY 11	<u>AMDT NO.</u> ORIG	<u>CITY</u> SPARTA	<u>STATE</u> WI	<u>AIRPORT ELEVATION</u> 839	<u>FACILITY</u> ODI				
FINAL TYPE	CIRCLING KCMY:RW19										
20:1											
1019 TREE (55-101221) 435816.3800N/0904347.1600W (0.05)											
FINAL TYPE	VOR										
20:1											
891 TREE (55-102610) 435739.9000N/0904505.4300W (19.93)				885 TREE (55-102214) 435741.2000N/0904502.9400W (19.89)							
891 TREE (55-102386) 435739.7000N/0904506.1900W (17.74)				893 TREE (55-102346) 435739.5000N/0904507.9200W (14.26)							
889 TREE (55-102741) 435742.3800N/0904505.4800W (13.03)				879 TREE (55-101204) 435743.0900N/0904503.2400W (9.26)							
881 TREE (55-104035) 435745.6500N/0904502.7400W (8.07)				897 TREE (55-104824) 435740.8800N/0904510.2000W (7.9)							
884 TREE (55-104009) 435743.6900N/0904504.8000W (7.83)				889 TREE (55-103492) 435739.6700N/0904508.9200W (6.55)							
878 TREE (55-101093) 435746.7500N/0904502.6000W (3.45)											
FINAL TYPE	VOR										
34:1											
913.6483 TERRAIN+VEG (VATP1468) 435736.0000N/0904527.0000W (24.26)				885 TREE (55-103204) 435747.8300N/0904506.5800W (23.03)							
879 TREE (55-101331) 435751.6300N/0904501.7900W (22.31)				876 TREE (55-103157) 435747.3100N/0904502.7200W (22.3)							
887 TREE (55-101177) 435751.8600N/0904506.0500W (21.56)				882 TREE (55-103466) 435748.0400N/0904506.2500W (20.45)							
906 TREE (55-101732) 435753.6100N/0904515.2200W (20.32)				870 TREE (55-101168) 435745.1700N/0904502.5400W (19.06)							
877 TREE (55-104257) 435742.2800N/0904507.9600W (18.51)				906 TREE (55-102613) 435753.8900N/0904516.1100W (18.24)							
880 TREE (55-103839) 435745.6000N/0904508.0100W (17.68)				882 TREE (55-102933) 435738.2900N/0904513.4900W (16.97)							
884 TREE (55-104296) 435749.9900N/0904508.1300W (16.51)				877 TREE (55-103818) 435746.4200N/0904507.2200W (15.33)							
891 TREE (55-103373) 435753.0600N/0904510.5500W (15.25)				910.3675 TERRAIN+VEG (VATP1467) 435736.0000N/0904530.0000W (15)							
885 TREE (55-104873) 435750.3200N/0904510.1300W (13.16)				876 TREE (55-104088) 435745.1100N/0904508.6800W (12.9)							
870 TREE (55-101521) 435751.9300N/0904501.8300W (12.89)				880 TREE (55-102979) 435752.7600N/0904506.9900W (11.68)							
886 TREE (55-103890) 435752.9900N/0904509.9700W (11.48)				869 TREE (55-103848) 435750.9500N/0904502.6500W (11.36)							
898 TREE (55-101438) 435756.1000N/0904515.1700W (9.63)				900 TREE (55-103006) 435753.4100N/0904517.7800W (9.45)							
910.3675 TERRAIN+VEG (VATP1466) 435736.0000N/0904533.0000W (9.03)				877 TREE (55-104701) 435748.6300N/0904509.1700W (8.97)							
876 TREE (55-102745) 435741.7800N/0904513.3200W (7.39)				883 TREE (55-104212) 435750.5700N/0904511.9300W (7.29)							
903 TREE (55-103691) 435754.6100N/0904519.9000W (6.88)				873 TREE (55-104812) 435743.1600N/0904511.4600W (6.54)							
875 TREE (55-102062) 435741.4300N/0904513.5500W (6.32)				875 TREE (55-102219) 435741.3300N/0904513.9000W (5.74)							
861 TREE (55-104764) 435749.1100N/0904502.7700W (5.18)				887 TREE (55-104439) 435750.0000N/0904515.3700W (5.08)							
898 TREE (55-101483) 435756.1300N/0904517.6100W (4.73)				889 TREE (55-102104) 435754.9600N/0904514.0800W (4.08)							
870 POLE (55-101925) 435748.3000N/0904508.5000W (3.67)				910.3675 TERRAIN+VEG (VATP1465) 435736.0000N/0904536.0000W (3.05)							
902 TREE (55-102451) 435753.5800N/0904522.6100W (1.63)				898 TREE (55-103018) 435753.6000N/0904520.7700W (1.28)							
881 TREE (55-101363) 435749.8400N/0904514.7600W (0.47)				898 TREE (55-103535) 435751.3600N/0904522.5600W (0.22)							
<u>PENETRATIONS REMARKS:</u>											

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.
100 FT VEGETATION PER FPT.
WAIVER SUBMITTED TO PERMIT A VOR FINAL APPROACH THAT IS MORE THAN 30 MILES FROM FACILITY.
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	4.39
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	4.70
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	84.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	6.19
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	4.52
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	84.28
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1300

THRESHOLD COORDINATES (IF STR-IN)	435744.06N/0904445.59W
ARP COORDINATES	435731.38N/0904416.23W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.41 NM
FAF COORDINATES	435708.83N/0905334.38W
FIX NAME COORDINATES	IAF ODI VORTAC 435444.39N/0912803.06W

REMARKS
IAF NODINE VORTAC: 435444.38N/0912803.06W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JAMES ROGERS (PATRICK DAVIS)	AJV-A33	09/27/2024	AERONAUTICAL INFORMATION SPECIALIST