

**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>
8D4	RNAV (GPS) RWY 25	ORIG-D	SPARTA	MI	775	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 157/30 CW 337/30 **TO** WAGIT

<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>
TERRAIN (26-029826)	434103.71N/0853454.03W	1559	50	20	2C	1000				AT441	3000
TERRAIN	434103.00N/0853457.00W	1338 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM 337/30 CW 067/30 **TO** NEWWT

<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 (26-001692)	424045.27N/0850356.35W	1957	20	3	1A	1000					3000
TERRAIN	424748.00N/0853900.00W	1036 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

067/30 CW 157/30

TO

JEBIS

<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 (26-002926)	431835.40N/0855444.80W	1847	500	50	5D	1000				AT153	3000
TERRAIN	432157.00N/0853612.00W	1118 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

NEWWT

TO

WAGIT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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 (26-001962)	431409.00N/0852700.00W	1234	500	50	5D	1000				AT766	3000
TERRAIN	431300.00N/0852554.00W	1010 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

JEBIS

TO

WAGIT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	5.00										
<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	431409.00N/0852939.00W	1237	215	8	4B	1000				AT763	3000
TERRAIN	431409.00N/0852939.00W	1036 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

WAGIT (IF/IAF)

TO

DADFY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.10										
<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 (26-002202)	431148.00N/0853106.00W	1378	50	20	2C	500				AT600	2500
TERRAIN	431406.00N/0852939.00W	1033 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

DADFY

TO

SINGS/2.65 NM TO RW25

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.66										
<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	431042.00N/0853421.00W	1080	215	8	4B	250				RA40 DG270	1640

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

SINGS/2.65 NM TO RW25

TO

RW25

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.65		RW25		476						
<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>
ANTENNA (26-041601)	430906.91N/0853652.81W	944	20	3	1A	250				RA40	1240

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

WAGIT

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<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 (26-002202)	431148.00N/0853106.00W	1378	50	20	2C	1000				AT622	3000
TERRAIN	431406.00N/0852939.00W	1036 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW25

TO

HUUNT

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1140			
<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				3000
AAO	430712.00N/0854539.00W	1122	215	8	4B	1000					2200
TERRAIN	430657.00N/0854321.00W	948 (900)								AS1500	2400

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 (26-169237)	430701.17N/0854239.15W	1.30	525	954	20	3	1A	300		RA40	1300
CATEGORY B											
TREE (26-169266)	430653.48N/0854319.46W	1.83	565	1006	20	3	1A	300		XP20	1340

CIRCLING REMARKS:

XP = 20 TO MATCH PUBLISHED MINS.

MSA/ESA

CENTERRADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

GRR APP CON, ZAU ARTCC, LAN FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	8D4	24	8D4		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	GRR	24	GRR	16.24	Y	39

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME

8D4 775, GRR 786

RA = 39.0.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE	
RW07 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)	NPI-G		
RW25 - MIRL (PCL), REIL (PCL), PAPI-4R (PCL)	NPI-G		

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.5042.1

FINAL APPROACH COURSE AIMING



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
8D4	RNAV (GPS) RWY 25	ORIG-D	SPARTA	MI	775	RNAV
RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	☒	FT FROM CENTERLINE				

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LNAV
34:1	
846 TREE (26-036603) 430720.12N/0854128.19W (27.31)	837 TREE (26-042048) 430720.75N/0854125.85W (23.70)
842 TREE (26-169235) 430724.85N/0854131.81W (22.82)	841 TREE (26-036604) 430720.33N/0854128.54W (21.92)
838 TREE (26-036601) 430718.48N/0854125.92W (21.44)	824 TREE (26-035229) 430722.13N/0854122.67W (18.75)
854 TREE (26-168594) 430718.80N/0854136.31W (17.79)	833 TREE (26-169276) 430718.96N/0854127.12W (14.78)
869 TREE (26-168983) 430712.13N/0854141.15W (14.24)	860 TREE (26-096886) 430713.39N/0854137.67W (13.70)
826 TREE (26-168771) 430719.10N/0854125.42W (11.26)	866 TREE (26-097038) 430713.67N/0854143.26W (9.28)
827 TREE (26-168940) 430723.42N/0854130.12W (9.12)	810 TREE (26-169164) 430723.23N/0854121.30W (8.92)
827 TREE (26-036602) 430724.31N/0854130.89W (8.86)	820 TREE (26-168438) 430725.96N/0854128.89W (8.00)
795 TREE (26-042175) 430728.92N/0854118.39W (7.38)	816 TREE (26-042045) 430724.38N/0854126.33W (6.77)
790 TREE (26-168333) 430728.52N/0854116.19W (6.08)	802 TREE (26-168371) 430723.80N/0854119.19W (5.78)
858 TREE (26-042103) 430713.33N/0854140.75W (5.66)	857 TREE (26-042101) 430715.33N/0854141.96W (5.08)
842 TREE (26-042002) 430716.91N/0854135.64W (4.48)	818 TREE (26-168682) 430722.99N/0854127.65W (4.30)
787 TREE (26-168533) 430728.52N/0854115.78W (3.88)	840 TREE (26-042001) 430715.09N/0854133.64W (3.84)
855 TREE (26-036674) 430711.78N/0854139.16W (3.60)	809 TREE (26-042081) 430726.02N/0854125.53W (3.58)
786 TREE (26-168464) 430728.73N/0854115.64W (3.44)	864 TREE (26-169168) 430711.25N/0854144.03W (2.46)
831 TREE (26-036783) 430719.23N/0854132.74W (2.28)	804 TREE (26-096315) 430723.32N/0854121.75W (2.17)
800 TREE (26-168609) 430723.30N/0854119.73W (2.05)	827 TREE (26-096762) 430722.12N/0854132.86W (2.03)
844 TREE (26-042004) 430717.11N/0854138.13W (1.94)	826 TREE (26-042152) 430718.80N/0854130.17W (1.66)
784 TREE (26-169340) 430729.02N/0854115.86W (1.41)	785 TREE (26-169148) 430727.88N/0854115.69W (1.17)
848 TREE (26-042008) 430715.28N/0854139.39W (0.98)	813 TREE (26-036751) 430725.36N/0854128.55W (0.83)
858 TREE (26-042877) 430711.77N/0854142.30W (0.52)	848 TREE (26-036673) 430716.49N/0854140.64W (0.23)
824 TREE (26-036781) 430723.70N/0854133.40W (0.16)	

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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
COMPUTED PROCEDURE VDA/TCH: 3.05/40.00, REMOVED PER FLIGHT INSPECTION.
NON-SURVEYED VEGETATION: STANDARD 100 FT USED.
LPV AND LNAV/VNAV NOT DEVELOPED PER FPT.
RA ADDED TO LNAV CATS A/B AND CIRCLING CAT A TO MATCH PUBLISHED MINS,
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	3.44
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	242.53
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	5.10
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	242.53
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN) 430747.98N/0854020.76W

ARP COORDINATES 430738.78N/0854044.87W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 25 DISTANCE 0.33 NM

FAF COORDINATES 431015.01N/0853355.20W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME

DUSTIN HARDISON

OFFICE

AJV-A422

DATE

02/12/2026

TITLE

AERONAUTICAL INFORMATION SPECIALIST

