

## DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\DAFIX_OVIEE\KIAD WAYNZ2 RNAV STAR DAFIX OVIEE 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
DAFIX	WP	N39° 54' 50.4300", W077° 42' 00.7800"	6000	VNAV	250	FLY_BY	TF
OVIEE	WP	N39° 44' 32.5900", W077° 39' 03.6900"	6000	VNAV	250	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	36.8 %	36.8 %
2	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	100 %	100 %
3	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	THS				
6.7	MRB	EMI	THS			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
DAFIX	OVIEE	EMI, MRB, THS	

**DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE**

**User Data Files**

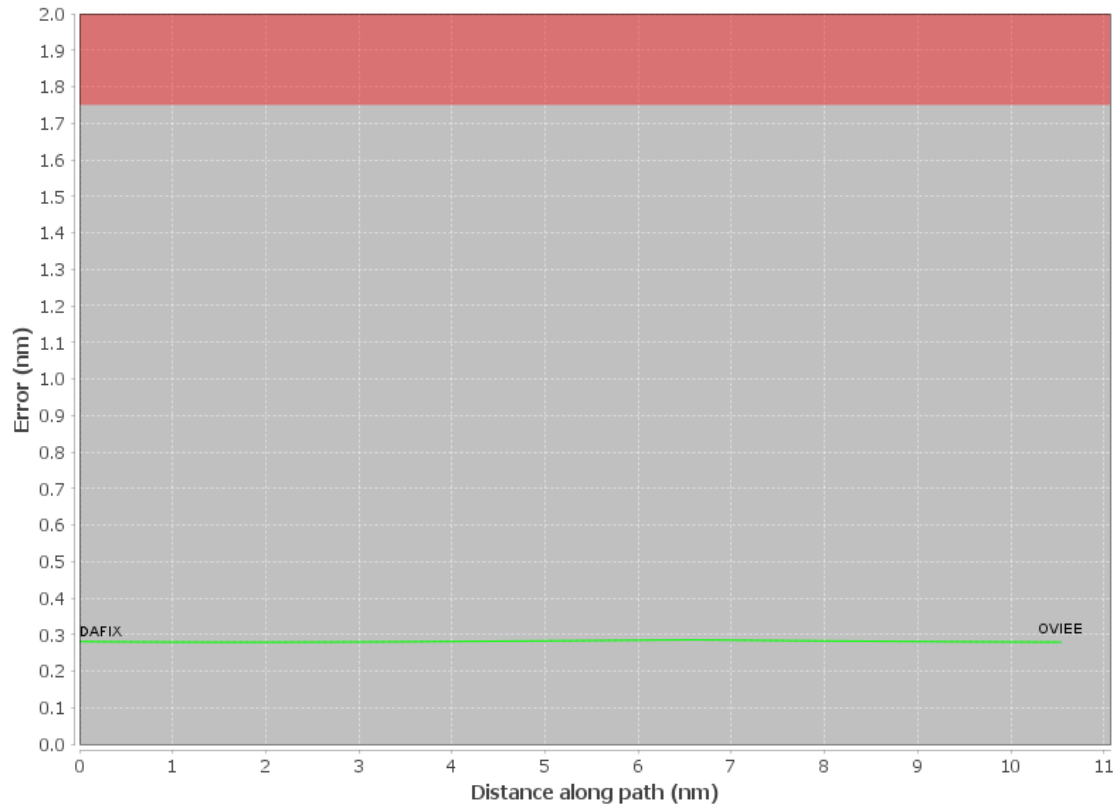
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt

**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
	ESV:	Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
	ESV:	Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
	ESV:	Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
	ESV:	Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

# DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE

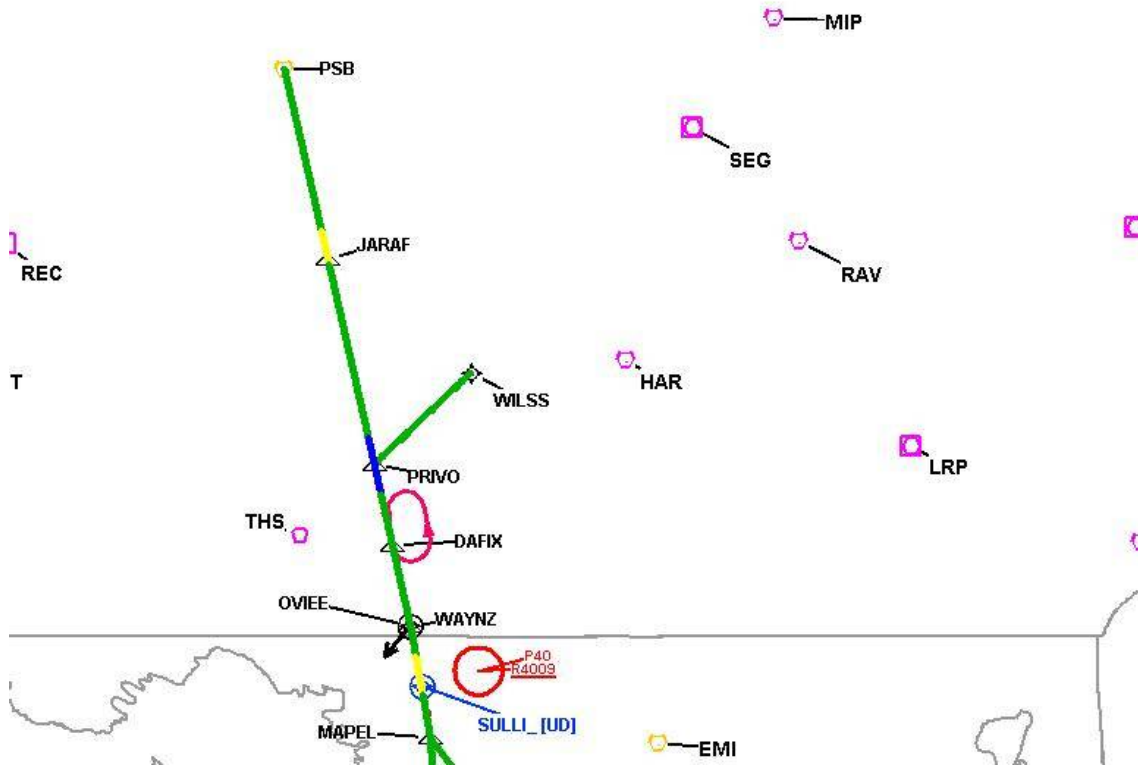
## DME Error





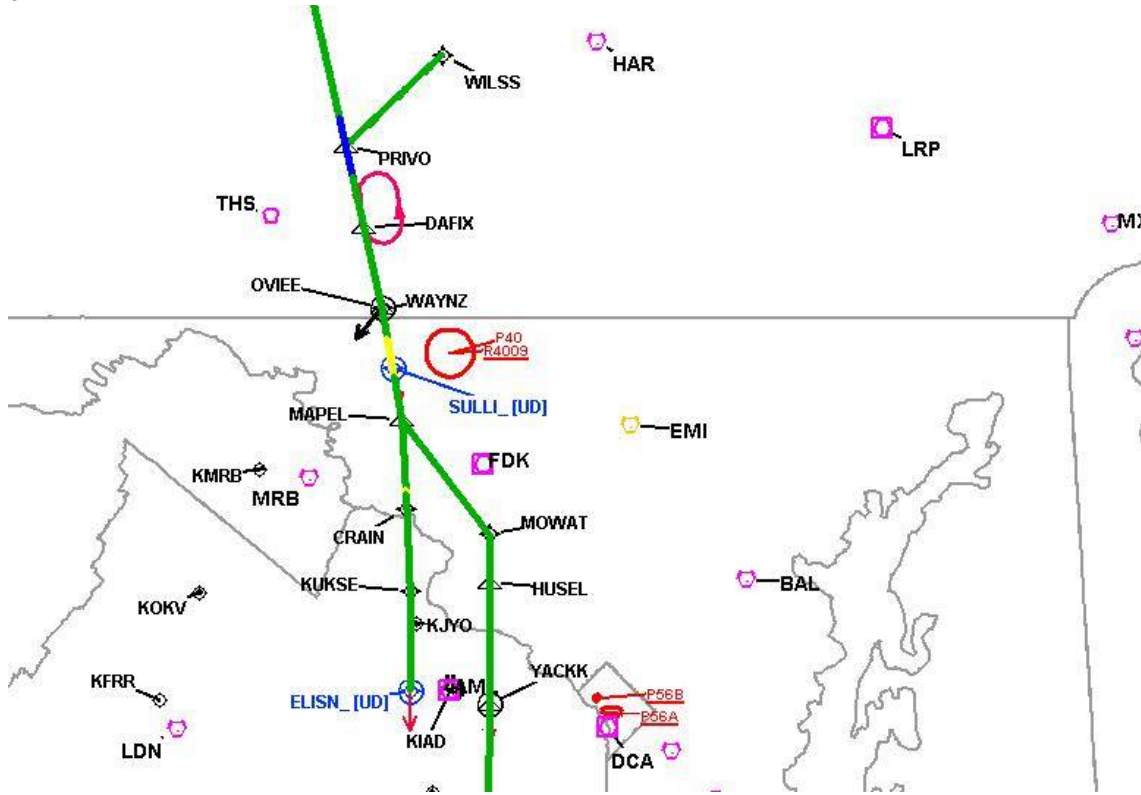
# DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE

Graphic Depiction 2



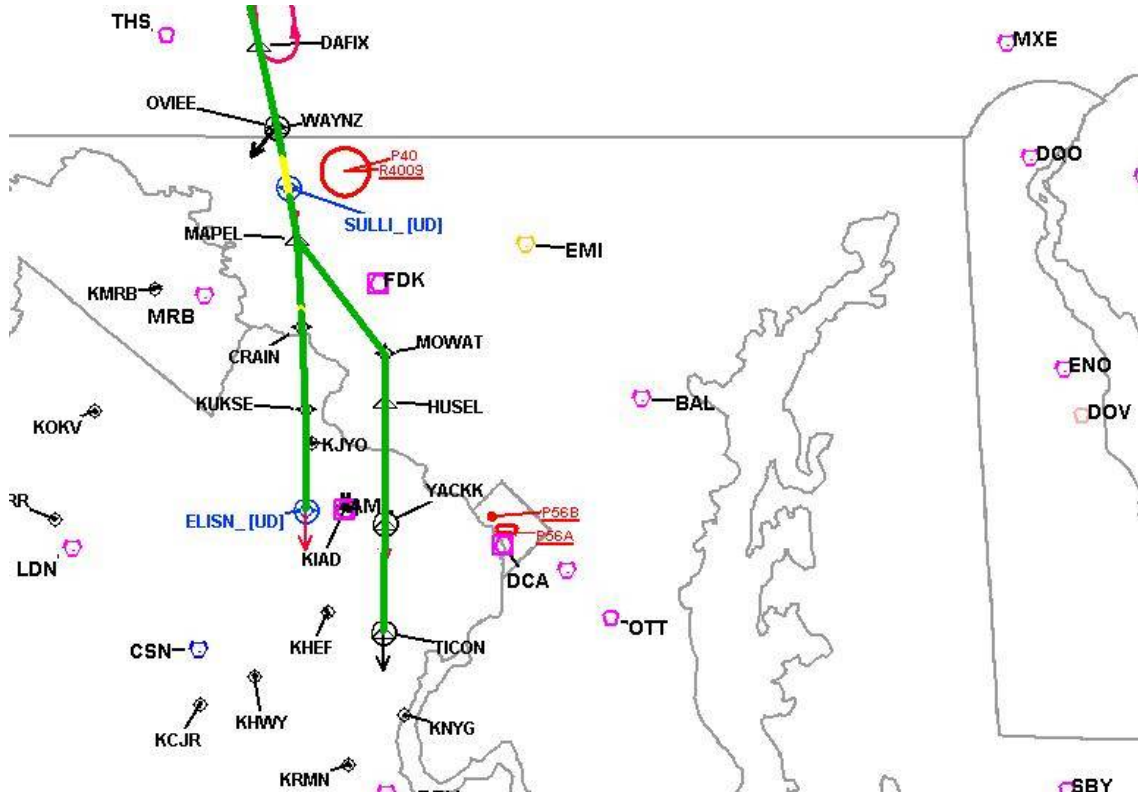
# DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE

Graphic Depiction 3



# DME DME Assessment Results for WAYNZ2 path DAFIX\_OVIEE

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\HUSEL_YACKK\KIAD WAYNZ2 RNAV STAR HUSEL YACKK 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HUSEL	WP	N39° 09' 51.6000", W077° 21' 27.6000"	4000	VNAV	200	FLY_BY	TF
YACKK	WP	N38° 54' 28.8000", W077° 21' 25.2000"	4000	VNAV	210	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	89.6 %	89.5 %
2	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	71.2 %	71.1 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	100 %	100 %
4	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L		NO	Enabled	100 %	100 %
5	BRV	N38° 20' 10.5264", W077° 21' 10.3159"	9.0 W	40	L		NO	Enabled	35.3 %	35.4 %
6	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	97.2 %	97.1 %
7	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	93.2 %	93.1 %
8	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L		NO	Enabled	100 %	100 %
9	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L		NO	Enabled	71.5 %	71.5 %
10	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	83 %	83 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ADW	EMI	FDK	BAL	DCA	AML
11.0	OTT	EMI	MRB	CSN	DCA	ADW
13.8	MRB	CSN	BAL	BRV	DCA	FDK
15.0	MRB	CSN	BRV	DCA	BAL	ADW
15.3	BRV	DCA	ADW	OTT	BAL	CSN

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

**DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK**

**Available DMEs by Waypoints**

Waypoint Before	Waypoint After	DME List	Suggested DMEs
HUSEL	YACKK	EMI, AML, DCA, ADW, BRV, FDK, MRB, BAL, OTT, CSN	

**User Data Files**

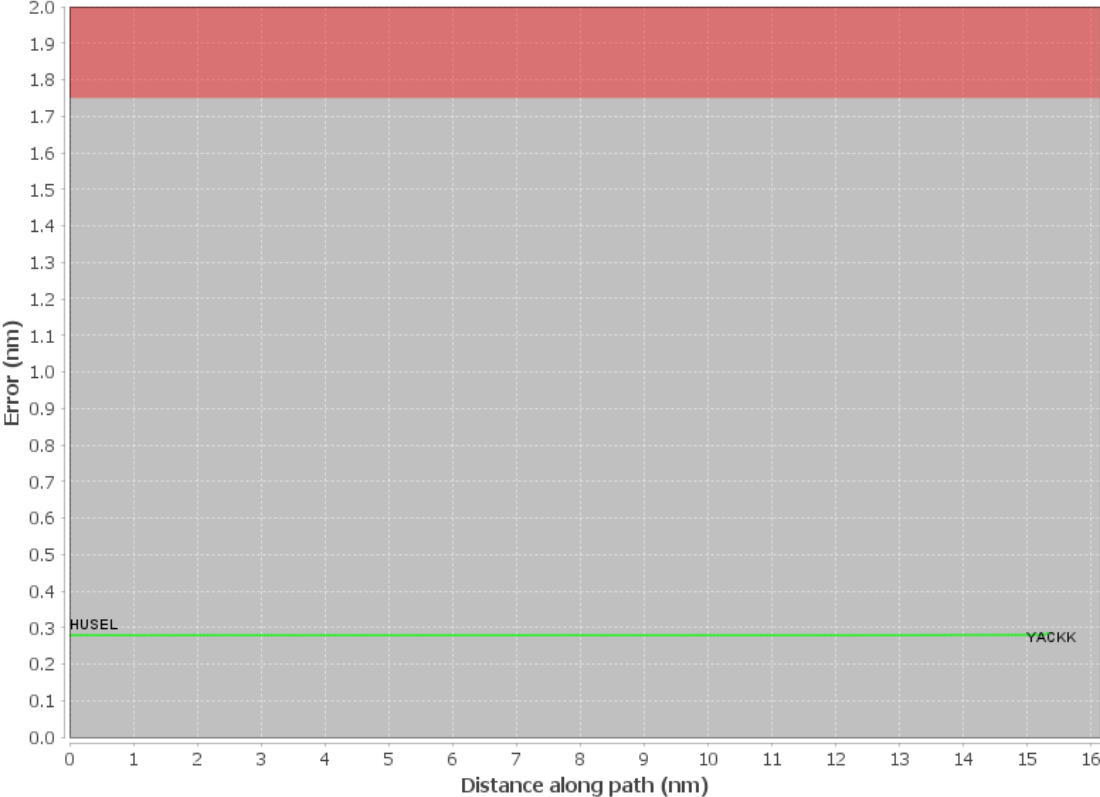
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt

**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
	ESV:	Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
	ESV:	Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
	ESV:	Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
	ESV:	Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK

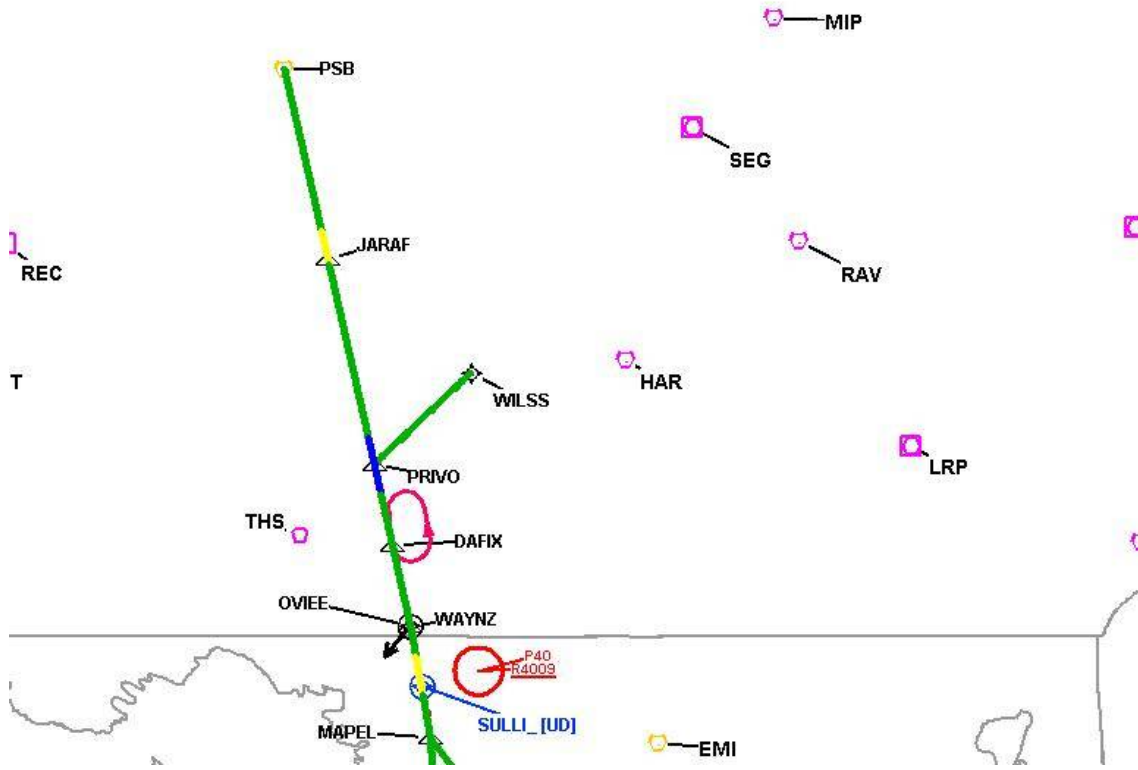
DME Error





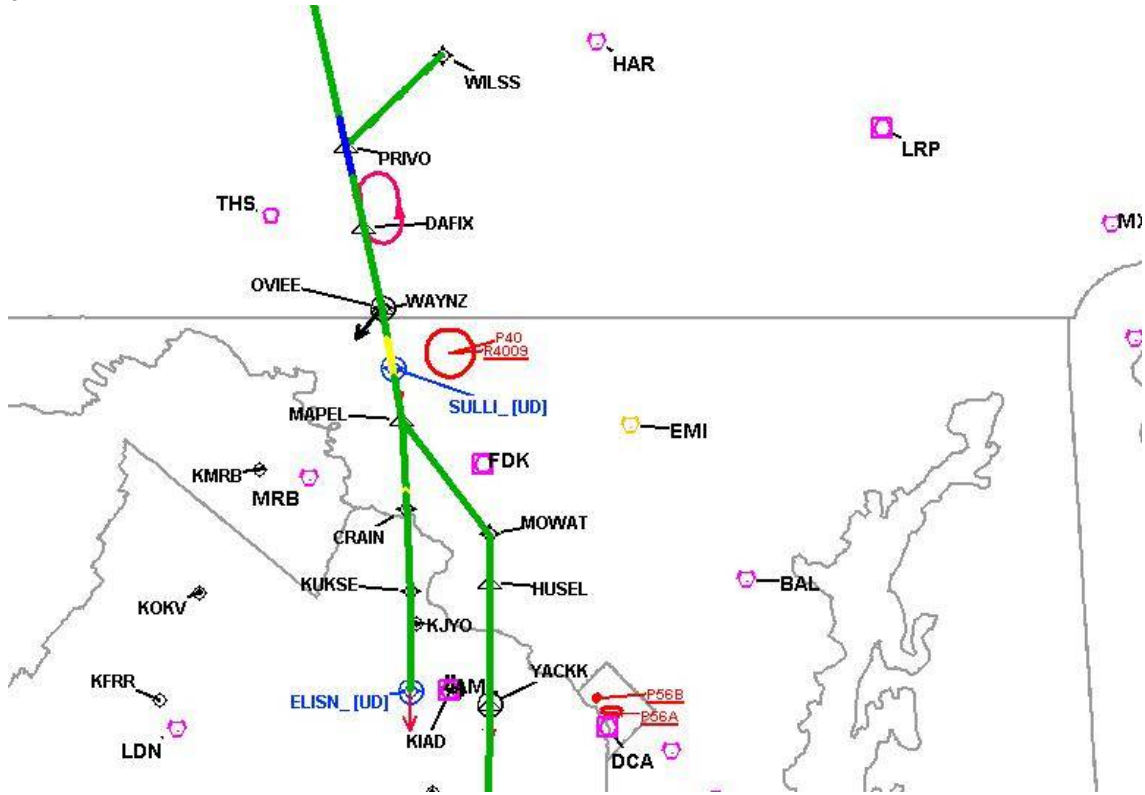
# DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK

Graphic Depiction 2



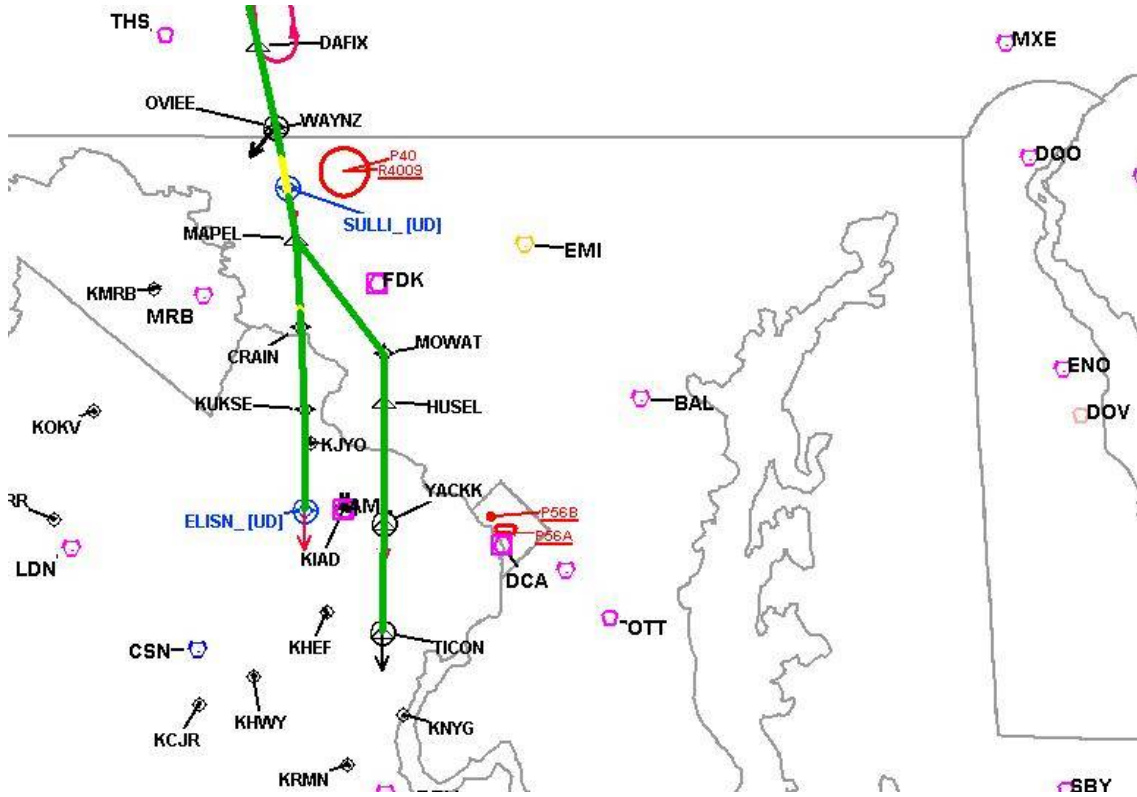
# DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK

Graphic Depiction 3



# DME DME Assessment Results for WAYNZ2 path HUSEL\_YACKK

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\MAPEL_TICON\KIAD WAYNZ2 RNAV STAR MAPEL TICON 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
MAPEL	WP	N39° 30' 24.5900", W077° 35' 48.3400"	6000	VNAV	200	FLY_BY	TF
MOWAT	WP	N39° 15' 57.6000", W077° 21' 36.6000"	5000	VNAV	200	FLY_BY	TF
HUSEL	WP	N39° 09' 51.6000", W077° 21' 27.6000"	4000	VNAV	200	FLY_BY	TF
TICON	WP	N38° 40' 45.6000", W077° 21' 42.6000"	3000	VNAV	200	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

**DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	89.3 %	89.3 %
2	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	71.3 %	71.3 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	86.4 %	86.4 %
4	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L		NO	Enabled	58.6 %	58.6 %
5	BRV	N38° 20' 10.5264", W077° 21' 10.3159"	9.0 W	40	L		NO	Enabled	35.8 %	35.8 %
6	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	45.8 %	45.8 %
7	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	62.5 %	62.5 %
8	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L		NO	Enabled	51.5 %	51.5 %
9	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	17.2 %	17.2 %
10	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	49.7 %	49.8 %

<b>Flight Check DME Selection</b>						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	THS	AML	EMI	FDK	
7.9	MRB	AML	EMI	DCA	THS	
9.2	MRB	AML	EMI	DCA		
12.6	MRB	AML	EMI	DCA	BAL	
20.5	ADW	EMI	DCA	FDK	BAL	AML
35.2	EMI	DCA	ADW	FDK	BAL	BRV
38.1	BRV	DCA	FDK	ADW	BAL	CSN
39.2	BRV	DCA	ADW	BAL	CSN	
40.1	BRV	DCA	ADW	CSN		
40.9	BRV	DCA	ADW	AML	CSN	
45.7	AML	CSN	BRV	DCA		

## DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

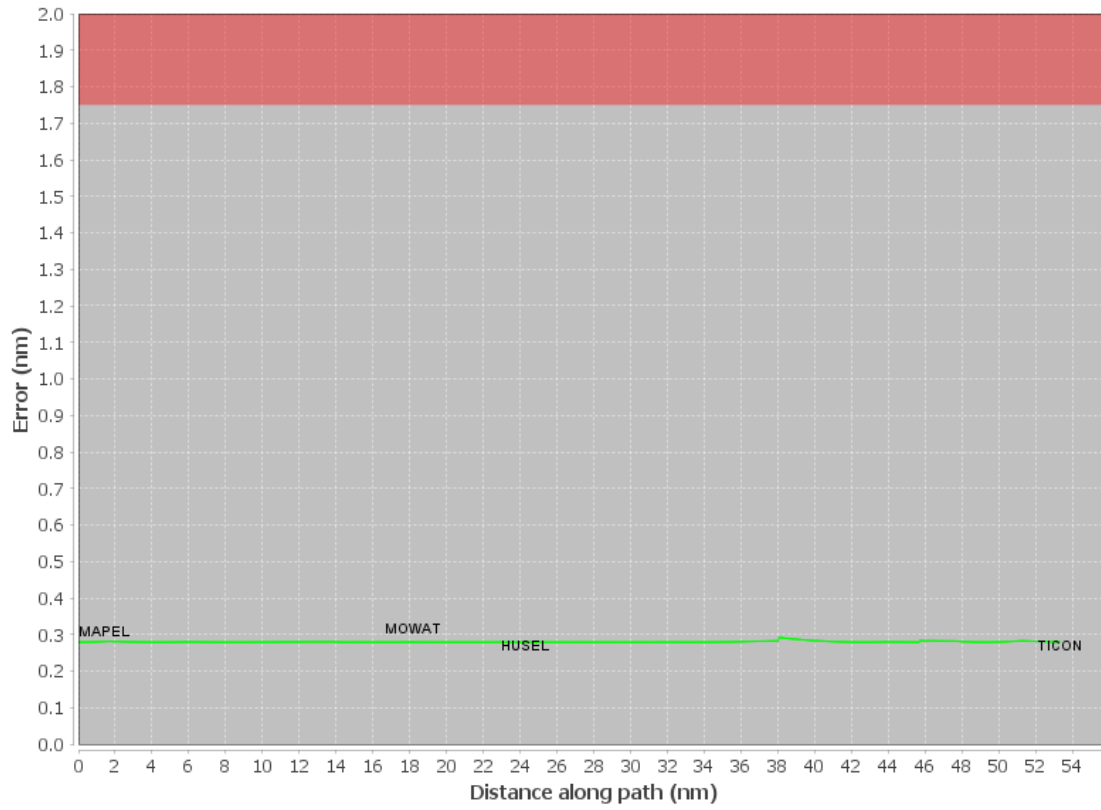
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MAPEL	MOWAT	AML, EMI, DCA, ADW, MRB, FDK, BAL, THS	
MOWAT	HUSEL	AML, EMI, DCA, ADW, MRB, FDK, BAL	
HUSEL	TICON	EMI, AML, DCA, ADW, BRV, FDK, MRB, BAL, CSN	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
ESV:		Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
ESV:		Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
ESV:		Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

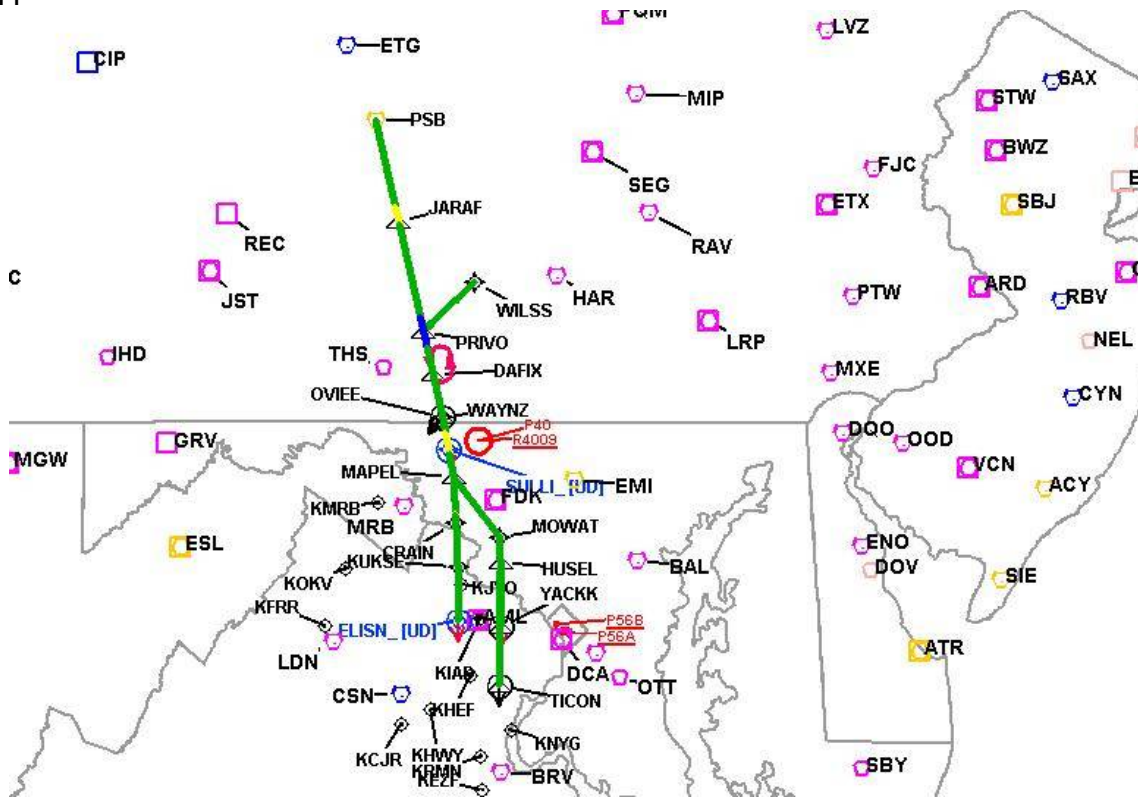
# DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

## DME Error



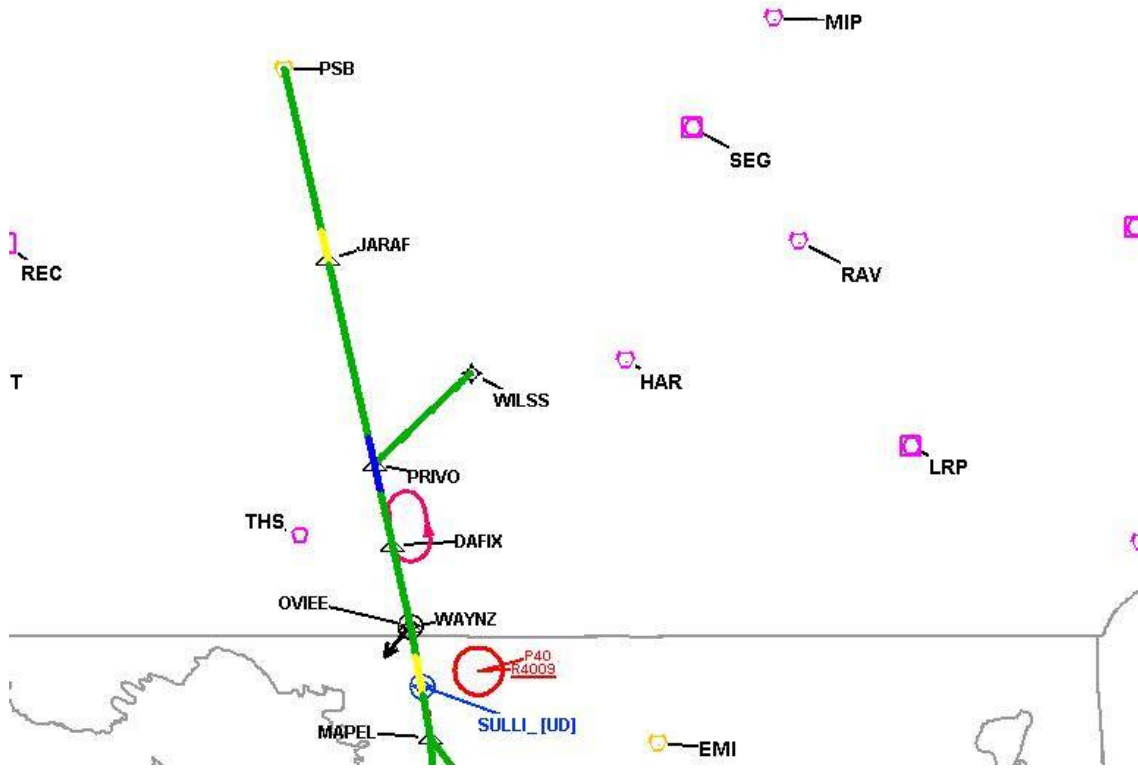
# DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

Graphic Depiction 1



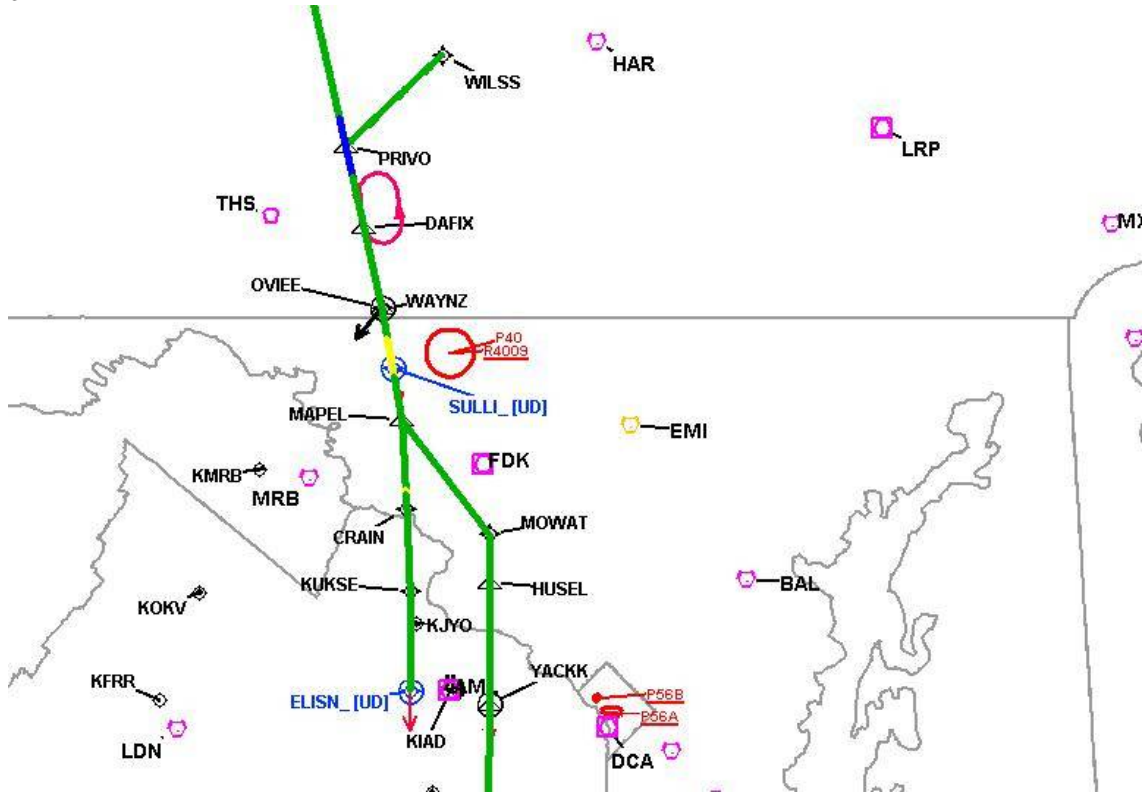
# DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

Graphic Depiction 2



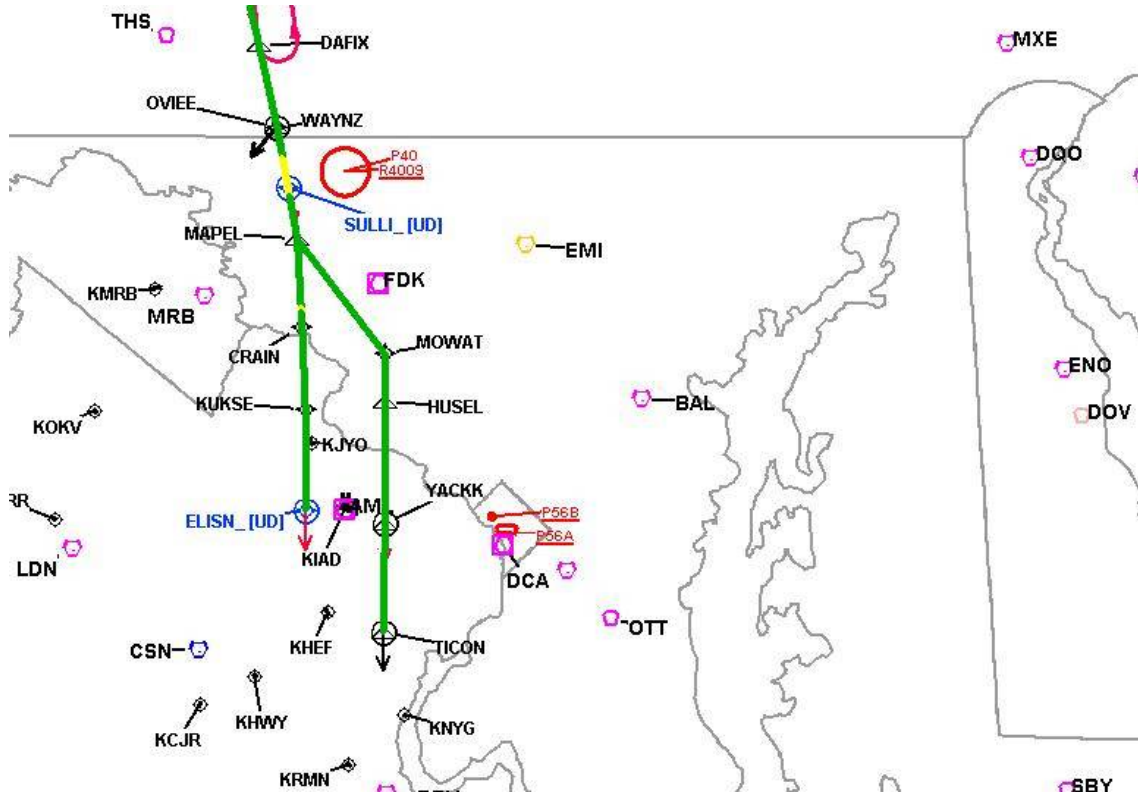
# DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

Graphic Depiction 3



# DME DME Assessment Results for WAYNZ2 path MAPEL\_TICON

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\PSB_ELISN_KIAD WAYNZ2 RNAV STAR PSB ELISN_ 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PSB	WP	N40° 54' 58.5320", W077° 59' 33.7810"	6000	VNAV	250	FLY_BY	TF
JARAF	WP	N40° 31' 03.1800", W077° 52' 31.0200"	6000	VNAV	250	FLY_BY	TF
PRIVO	WP	N40° 04' 58.5700", W077° 44' 56.0100"	6000	VNAV	250	FLY_BY	TF
DAFIX	WP	N39° 54' 50.4300", W077° 42' 00.7800"	6000	VNAV	250	FLY_BY	TF
WAYNZ	WP	N39° 44' 32.5800", W077° 39' 03.6900"	6000	VNAV	250	FLY_BY	TF
MAPEL	WP	N39° 30' 24.5900", W077° 35' 48.3400"	6000	VNAV	200	FLY_BY	TF
CRAIN	WP	N39° 19' 14.4654", W077° 35' 01.2513"	6000	VNAV	200	FLY_BY	TF
KUKSE	WP	N39° 08' 50.8600", W077° 34' 28.6500"	5000	VNAV	200	FLY_BY	TF
ELISN_	WP	N38° 56' 04.5279", W077° 34' 25.5630"	4000	VNAV	200	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

**DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	38.4 %	35.9 %
2	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	34.2 %	30.2 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	22.4 %	19.2 %
4	RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	L		NO	Enabled	16.6 %	17.8 %
5	BRV	N38° 20' 10.5264", W077° 21' 10.3159"	9.0 W	40	L		NO	Enabled	1.3 %	1.1 %
6	CIP	N41° 08' 46.6560", W079° 27' 28.7059"	0.0 E	130	DH		NO	Enabled	1.8 %	2 %
7	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	13.8 %	14.8 %
8	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	41.2 %	37 %
9	REC	N40° 32' 47.2530", W078° 44' 49.2810"	0.0 E	40	L		NO	Enabled	3.2 %	3.4 %
10	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L		NO	Enabled	7.1 %	6.1 %
11	LDN	N38° 51' 15.8344", W078° 12' 20.0559"	6.0 W	40	L		NO	Enabled	16.7 %	14.3 %
12	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	18.6 %	20 %
13	ETG	N41° 12' 53.8190", W078° 08' 33.9230"	10.0 W	130	H		NO	Enabled	15.8 %	16.9 %
14	SLT	N41° 30' 45.9340", W077° 58' 12.3950"	8.0 W	130	H		NO	Enabled	2.4 %	2.6 %
15	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	57.4 %	54.4 %
16	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	56.9 %	59 %
17	PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	H		NO	Enabled	25.7 %	27.5 %
18	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	17.6 %	15.1 %

**DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	SLT	CIP	THS	RAV	ETG	
2.4	RAV	SLT	THS	ETG		
3.2	RAV	THS	ETG			
4.2	RAV	ETG				
6.5	RAV	PSB	ETG			
20.3	RAV	PSB	ETG	LRP		
20.5	RAV	PSB	LRP			
20.8	LRP	PSB				
21.0	RAV	THS	REC	PSB	LRP	
21.7	THS	REC	PSB	LRP		
22.6	LRP	THS	PSB			
22.7	THS	REC	PSB	HAR		
25.3	LRP	THS	PSB			
30.3	THS	HAR	LRP	PSB		
39.8	LRP	THS	HAR			
40.9	THS	HAR				
47.6						
55.1	MRB	THS	HAR			
59.6	MRB	THS				
68.2	MRB	EMI	THS			
76.1	MRB	EMI	THS	FDK		
81.5	MRB	FDK	THS	AML	EMI	
95.8	AML	EMI	FDK	MRB		
98.1	AML	EMI	FDK	DCA	MRB	
111.6	DCA	CSN	FDK	AML	LDN	MRB
118.0	FDK	ADW	DCA	MRB	LDN	CSN

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>
1	N40° 08' 29.9298", W077° 45' 57.1264"	N40° 01' 07.4876", W077° 43' 49.3208"	7.5501

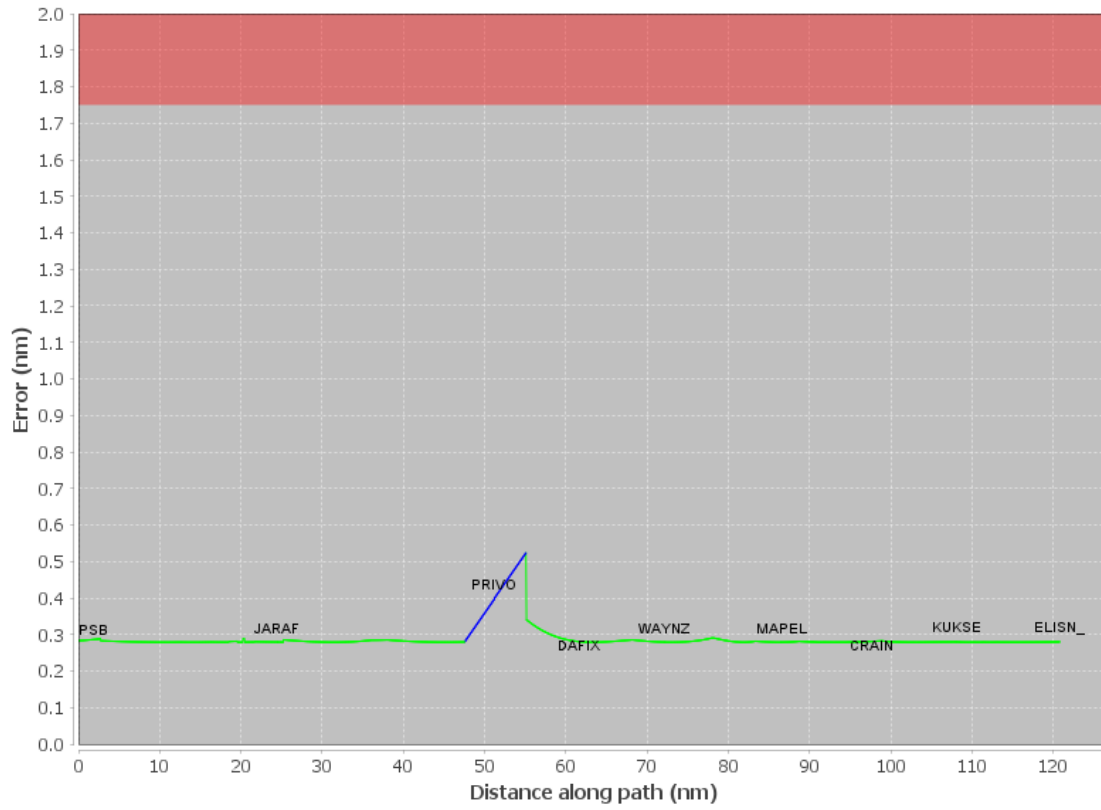
<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
PSB	JARAF	REC, RAV, HAR, ETG, SLT, CIP, LRP, THS, PSB	
JARAF	PRIVO	REC, HAR, LRP, THS, PSB	
PRIVO	DAFIX	HAR, MRB, THS	
DAFIX	WAYNZ	EMI, MRB, THS	
WAYNZ	MAPEL	EMI, AML, MRB, FDK, THS	
MAPEL	CRAIN	AML, EMI, DCA, MRB, FDK, THS	
CRAIN	KUKSE	AML, EMI, DCA, LDN, MRB, FDK, CSN	
KUKSE	ELISN_	EMI, AML, DCA, ADW, LDN, BRV, MRB, FDK, CSN	

**DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_**

<b>User Data Files</b>								
#	File Name							
1	New Analysis.udt							
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt							
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
	ESV:	Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
	ESV:	Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
	ESV:	Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
	ESV:	Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

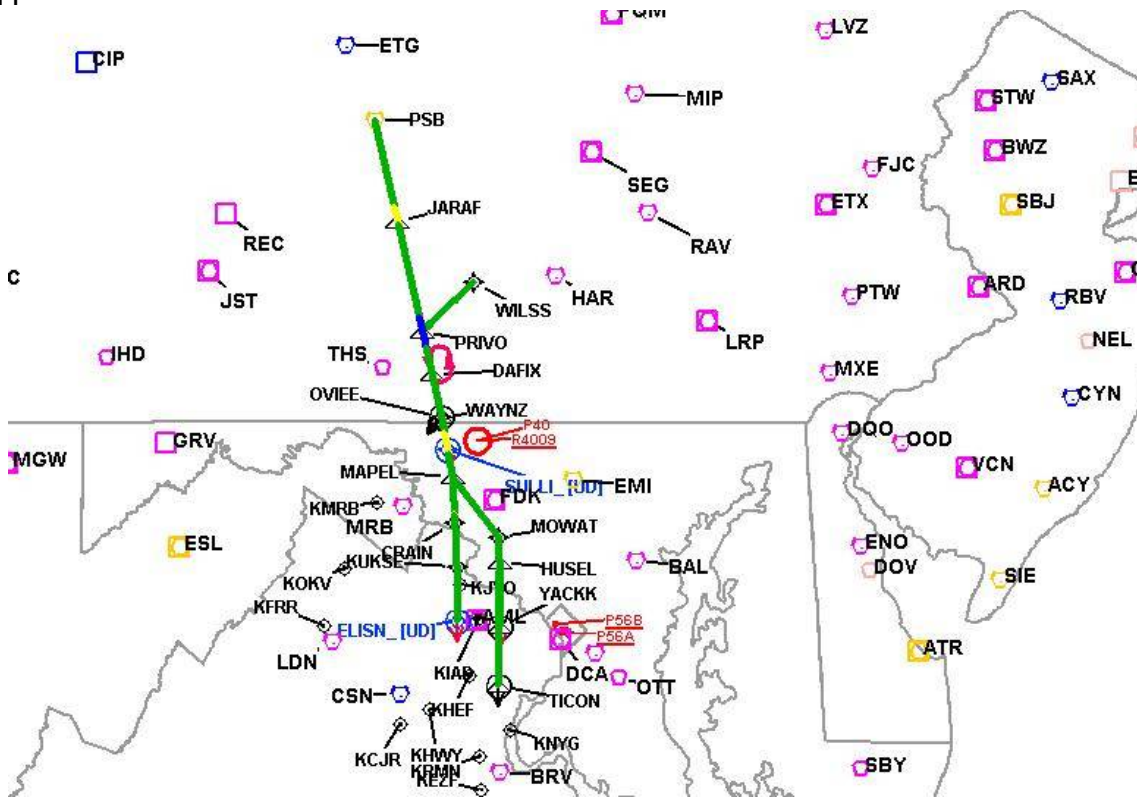
# DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_

## DME Error



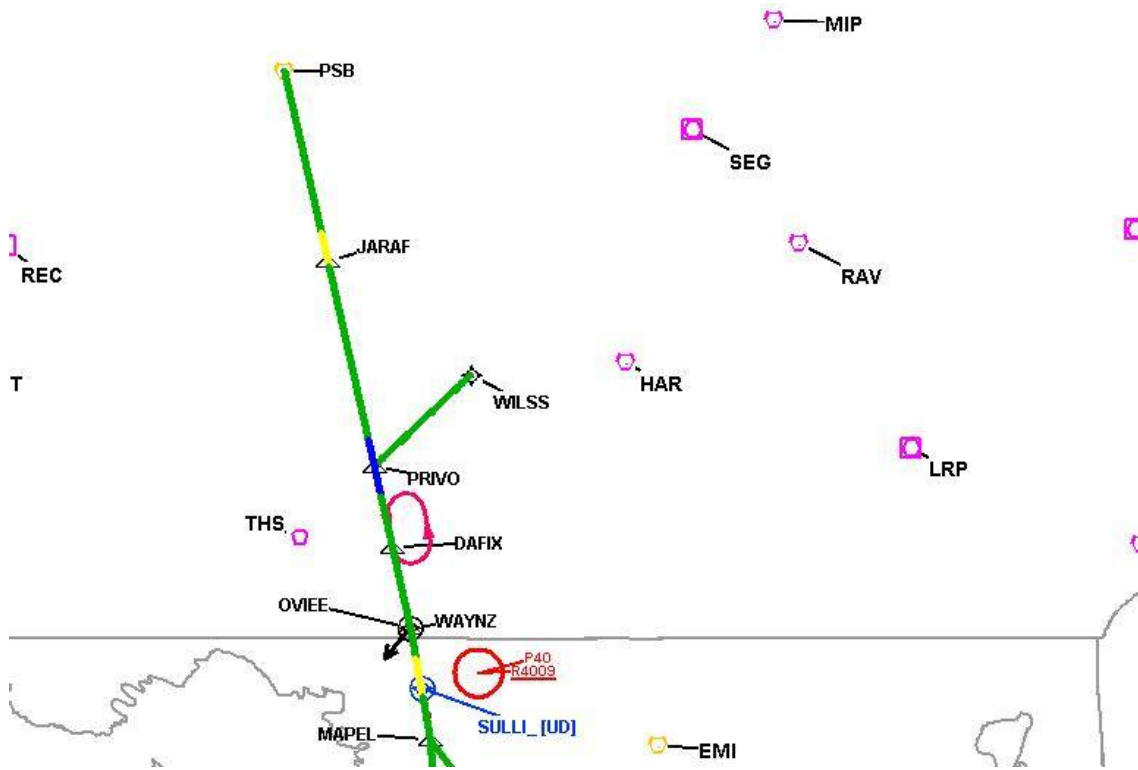
# DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_

Graphic Depiction 1



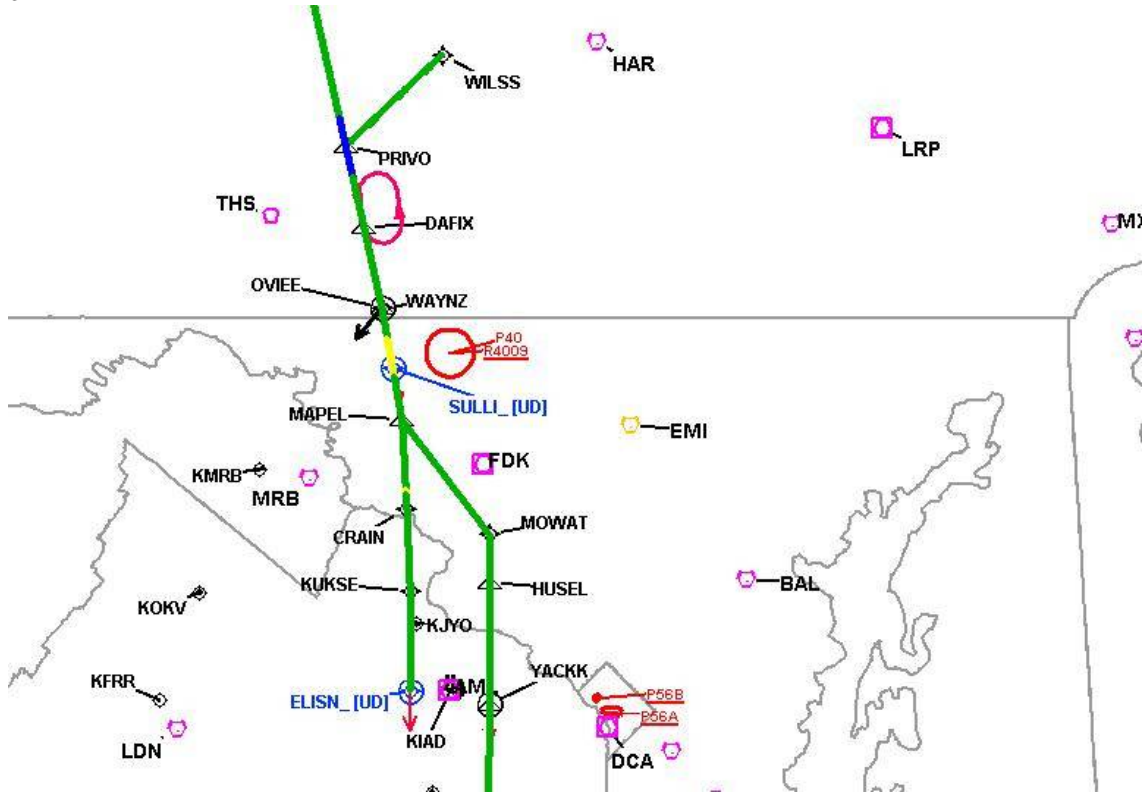
# DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_

Graphic Depiction 2



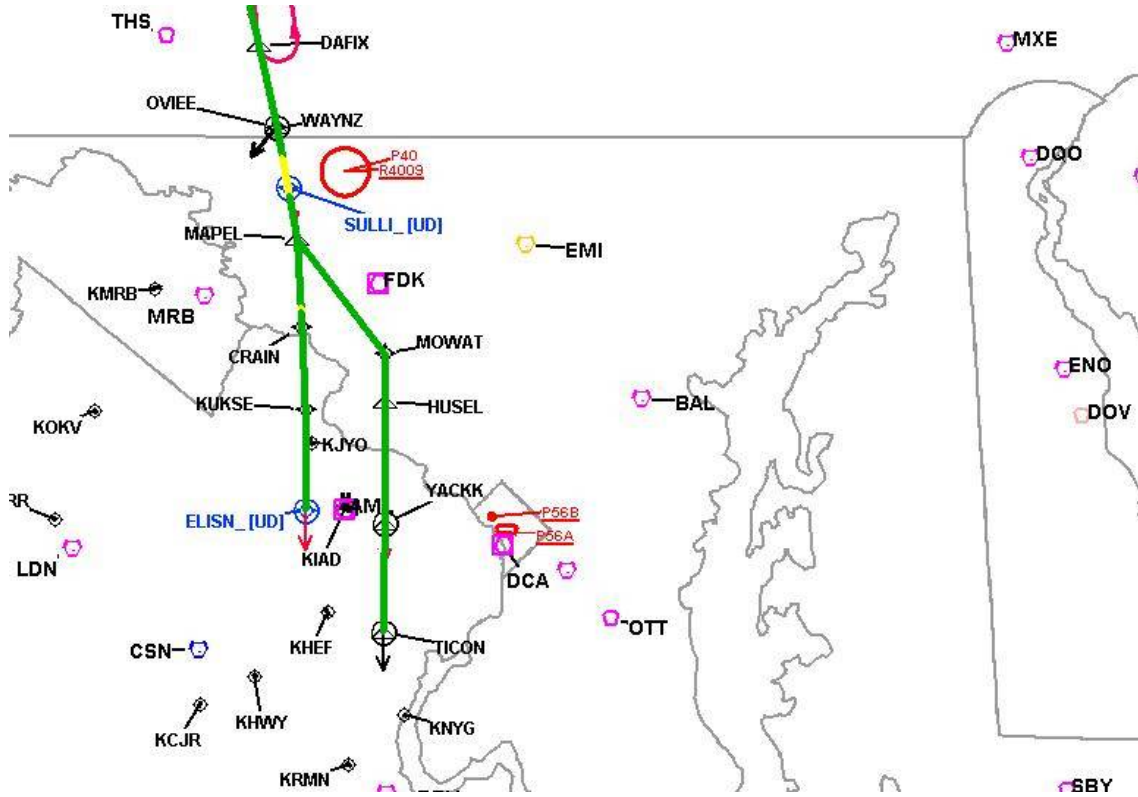
# DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_

Graphic Depiction 3



DME DME Assessment Results for WAYNZ2 path PSB\_ELISN\_

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path SULLI\_\_PSB

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\SULLI__PSB\KIAD WAYNZ2 RNAV STAR SULLI PSB 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
SULLI_	WP	N39° 36' 57.8760", W077° 37' 18.7723"	6000	VNAV	200	FLY_OVER	TF
WAYNZ	WP	N39° 44' 32.5800", W077° 39' 03.6900"	6000	VNAV	250	FLY_BY	TF
DAFIX	WP	N39° 54' 50.4300", W077° 42' 00.7800"	6000	VNAV	250	FLY_BY	TF
PRIVO	WP	N40° 04' 58.5700", W077° 44' 56.0100"	6000	VNAV	250	FLY_BY	TF
JARAF	WP	N40° 31' 03.1800", W077° 52' 31.0200"	6000	VNAV	250	FLY_BY	TF
PSB	WP	N40° 54' 58.5320", W077° 59' 33.7810"	6000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

**DME DME Assessment Results for WAYNZ2 path SULLI\_\_PSB**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	16.2 %	14.5 %
2	REC	N40° 32' 47.2530", W078° 44' 49.2810"	0.0 E	40	L		NO	Enabled	5 %	5.1 %
3	RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	L		NO	Enabled	26.3 %	26.9 %
4	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	29.6 %	30.2 %
5	ETG	N41° 12' 53.8190", W078° 08' 33.9230"	10.0 W	130	H		NO	Enabled	25.1 %	25.6 %
6	SLT	N41° 30' 45.9340", W077° 58' 12.3950"	8.0 W	130	H		NO	Enabled	3.8 %	3.9 %
7	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	22 %	22.4 %
8	CIP	N41° 08' 46.6560", W079° 27' 28.7059"	0.0 E	130	DH		NO	Enabled	2.9 %	3 %
9	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	32.3 %	30.9 %
10	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	5.8 %	4.7 %
11	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	69.9 %	69.3 %
12	PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	H		NO	Enabled	40.8 %	41.6 %

**DME DME Assessment Results for WAYNZ2 path SULLI\_\_PSB**

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	FDK	THS	EMI		
3.8	MRB	EMI	THS			
11.6	MRB	THS				
20.2	MRB	THS	HAR			
24.7						
32.3	THS	HAR				
39.0	LRP	THS	HAR			
40.0	HAR	PSB	LRP	THS		
49.5	LRP	THS	PSB			
54.6	THS	REC	HAR	PSB		
57.2	LRP	THS	PSB			
57.2	THS	REC	PSB	LRP		
58.1	RAV	THS	REC	PSB	LRP	
58.9	LRP	PSB				
59.0	RAV	PSB	LRP			
59.4	RAV	PSB	ETG	LRP		
59.6	RAV	PSB	ETG			
73.3	RAV	ETG				
75.7	RAV	THS	ETG			
76.7	RAV	SLT	THS	ETG		
77.4	SLT	CIP	THS	RAV	ETG	

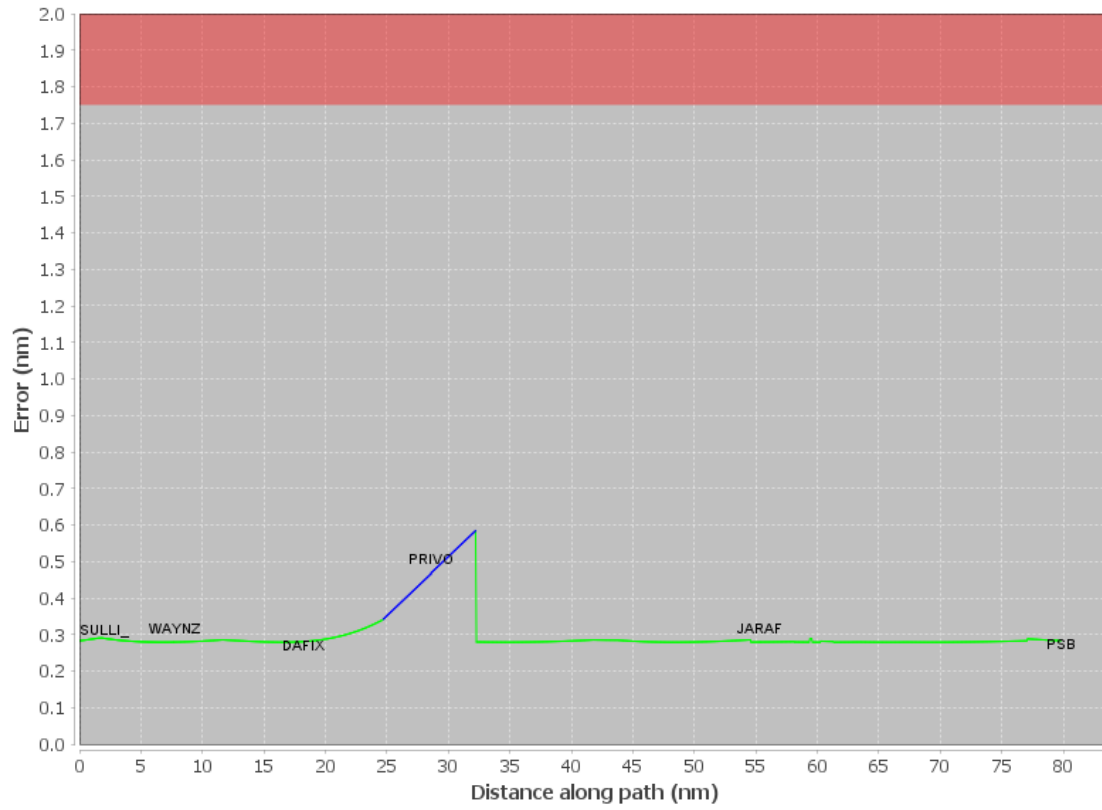
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N40° 01' 11.5418", W077° 43' 50.4897"	N40° 08' 33.9943", W077° 45' 58.3028"	7.5506

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SULLI_	WAYNZ	EMI, MRB, FDK, THS	
WAYNZ	DAFIX	EMI, MRB, THS	
DAFIX	PRIVO	HAR, MRB, THS	
PRIVO	JARAF	REC, HAR, LRP, THS, PSB	
JARAF	PSB	REC, RAV, HAR, ETG, SLT, LRP, CIP, THS, PSB	

User Data Files								
#	File Name							
1	New Analysis.udt							
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
	ESV:	Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
	ESV:	Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
	ESV:	Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
	ESV:	Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

# DME DME Assessment Results for WAYNZ2 path SULLI\_\_PSB

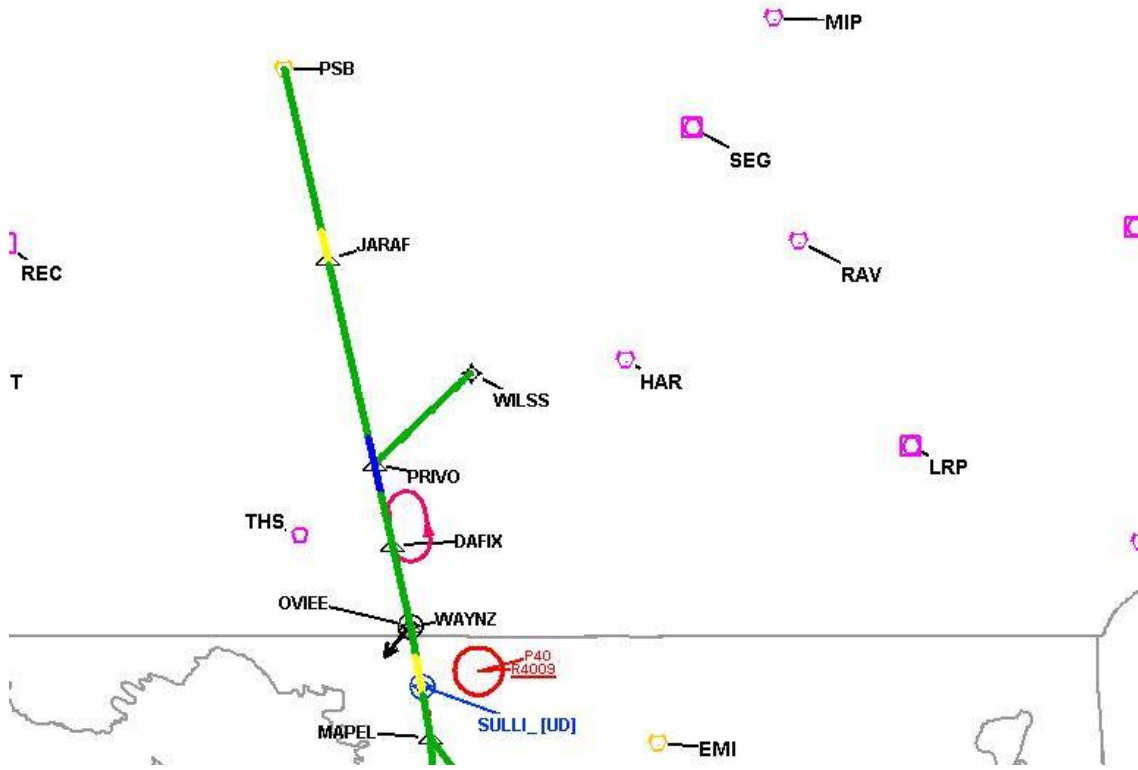
## DME Error





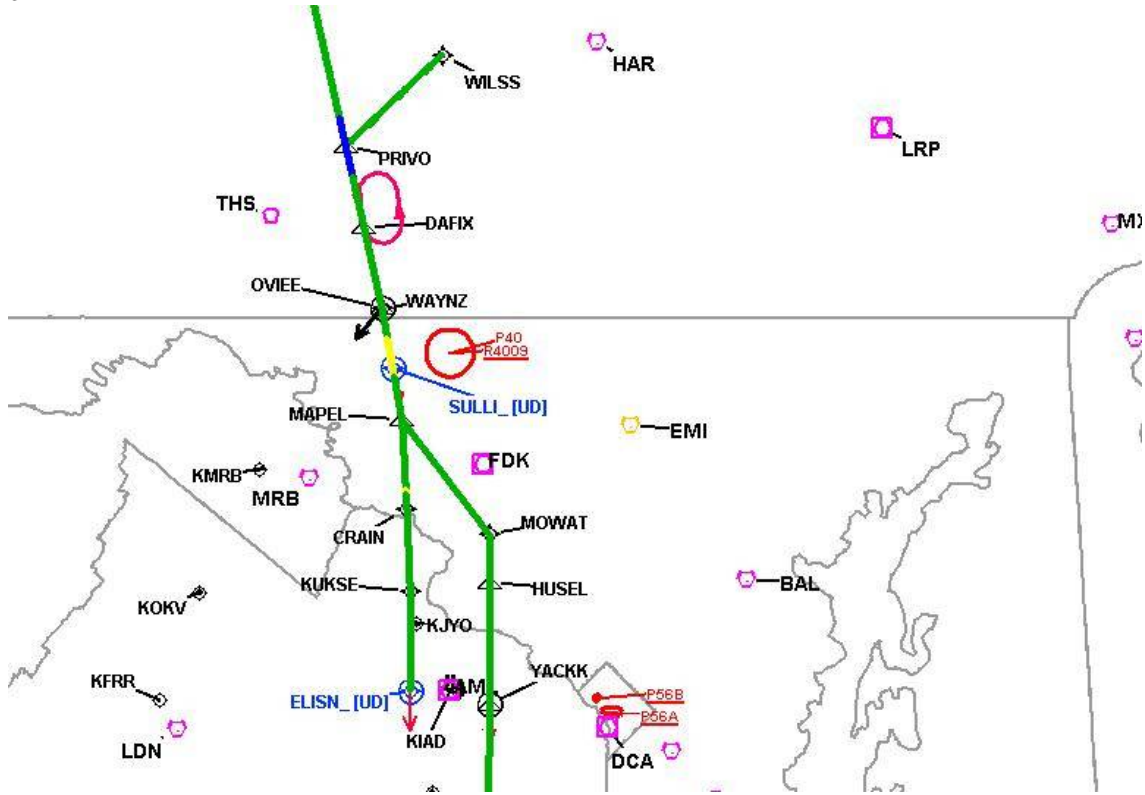
# DME DME Assessment Results for WAYNZ2 path SULLI\_PSB

Graphic Depiction 2



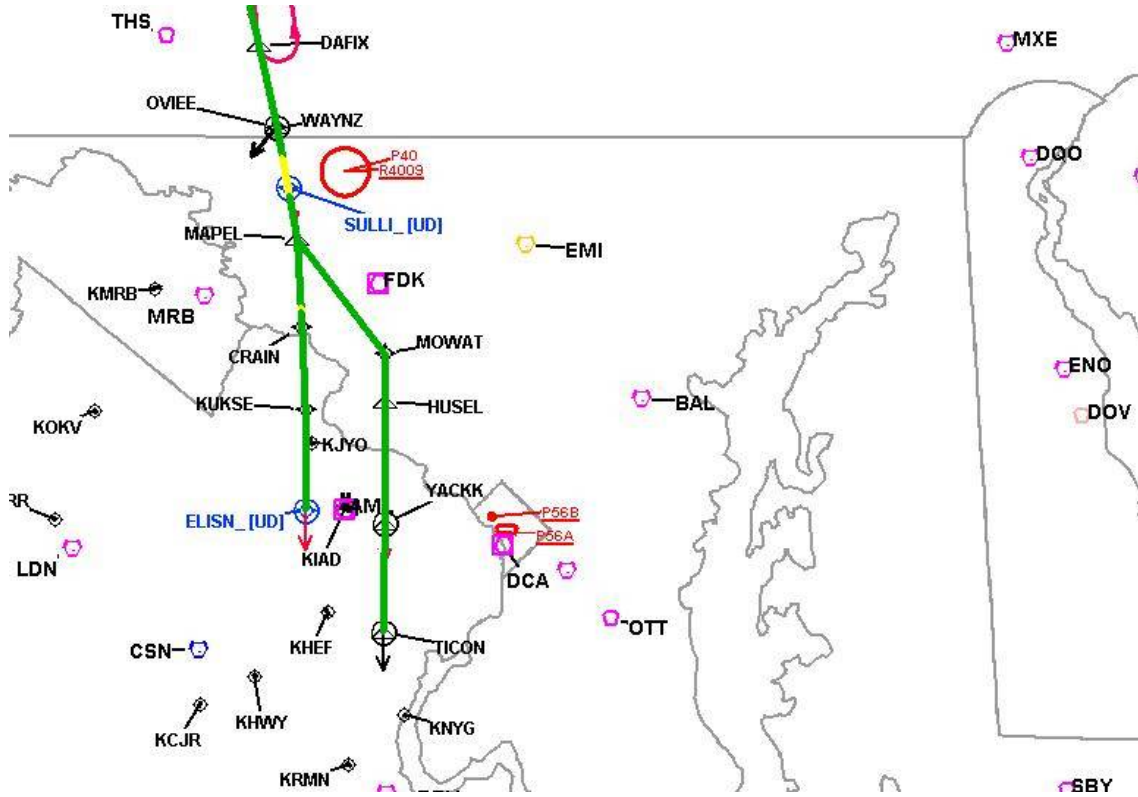
# DME DME Assessment Results for WAYNZ2 path SULLI\_PSB

Graphic Depiction 3



# DME DME Assessment Results for WAYNZ2 path SULLI\_PSB

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\SULLI_WILSS\KIAD WAYNZ2 RNAV STAR SULLI_WILSS 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
SULLI_	WP	N39° 36' 57.8760", W077° 37' 18.7723"	6000	VNAV	200	FLY_OVER	TF
WAYNZ	WP	N39° 44' 32.5800", W077° 39' 03.6900"	6000	VNAV	250	FLY_BY	TF
DAFIX	WP	N39° 54' 50.4300", W077° 42' 00.7800"	6000	VNAV	250	FLY_BY	TF
PRIVO	WP	N40° 04' 58.5700", W077° 44' 56.0100"	6000	VNAV	250	FLY_BY	TF
WILSS	WP	N40° 16' 33.5100", W077° 29' 10.7400"	6000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

**DME DME Assessment Results for WAYNZ2 path SULLI\_\_WILSS**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	28.1 %	25.6 %
2	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	45.1 %	46.6 %
3	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	3.5 %	3.7 %
4	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	56 %	54.4 %
5	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	10 %	8.3 %
6	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	91.6 %	91.3 %
7	PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	H		NO	Enabled	35.6 %	36.9 %

<b>Flight Check DME Selection</b>						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	FDK	THS	EMI		
3.8	MRB	EMI	THS			
11.6	MRB	THS				
20.2	MRB	THS	HAR			
24.7						
28.7	PSB	HAR	THS			
43.7	PSB	THS	HAR	LRP		

<b>Inertial Drift Segments</b>			
#	Start Location	End Location	Length [NM]
1	N40° 01' 11.5418", W077° 43' 50.4897"	N40° 04' 58.5700", W077° 44' 56.0100"	3.8755

**DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS**

**Available DMEs by Waypoints**

Waypoint Before	Waypoint After	DME List	Suggested DMEs
SULLI_	WAYNZ	EMI, MRB, FDK, THS	
WAYNZ	DAFIX	EMI, MRB, THS	
DAFIX	PRIVO	HAR, MRB, THS	
PRIVO	WILSS	HAR, LRP, PSB, THS	

**User Data Files**

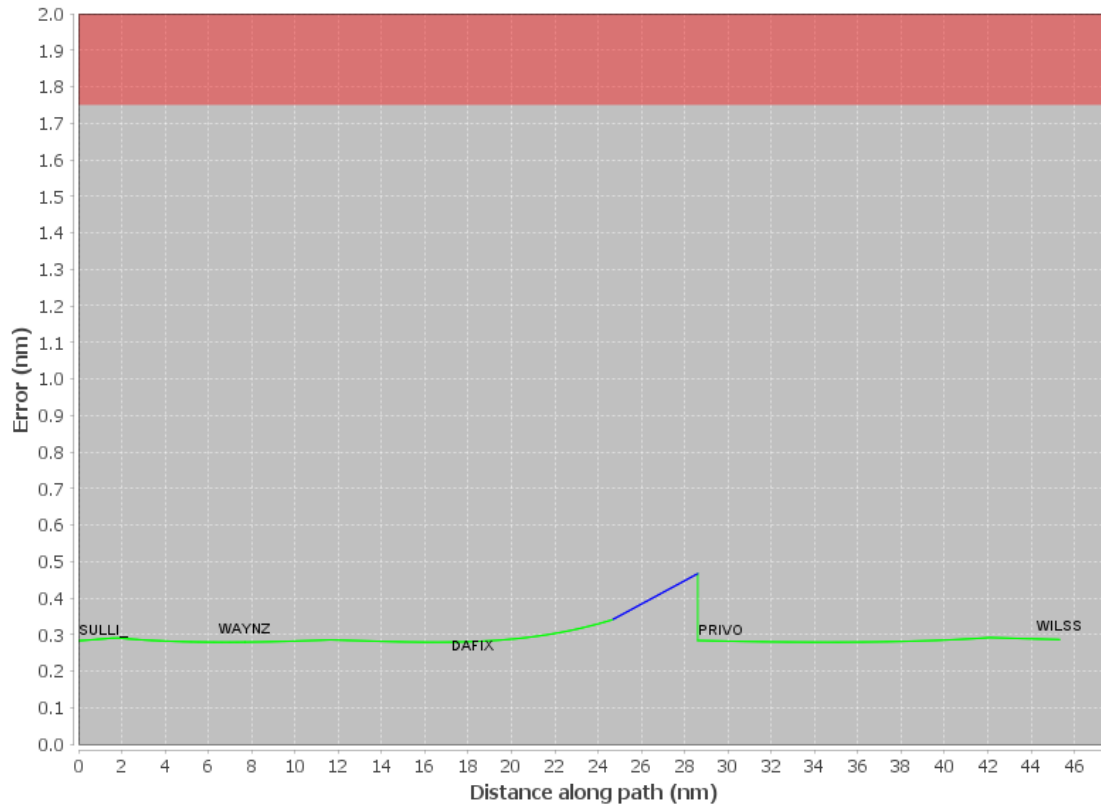
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt

**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
	ESV:	Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
	ESV:	Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
	ESV:	Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
	ESV:	Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

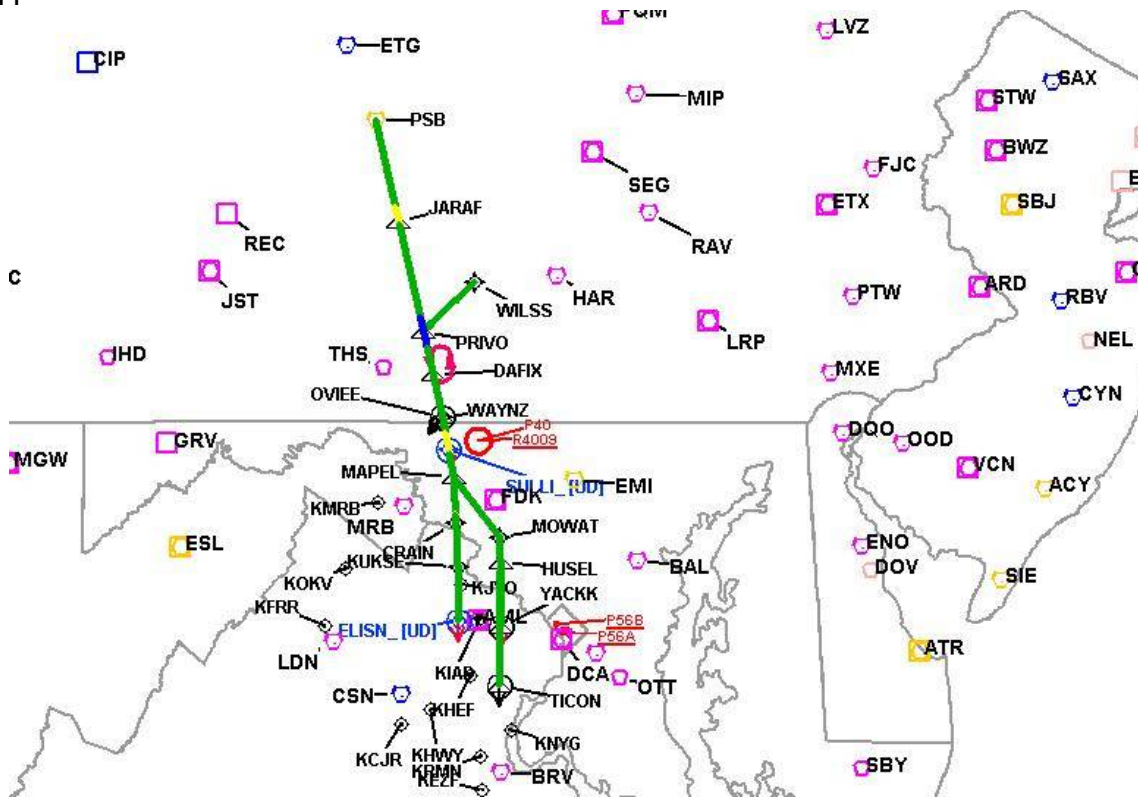
# DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS

## DME Error



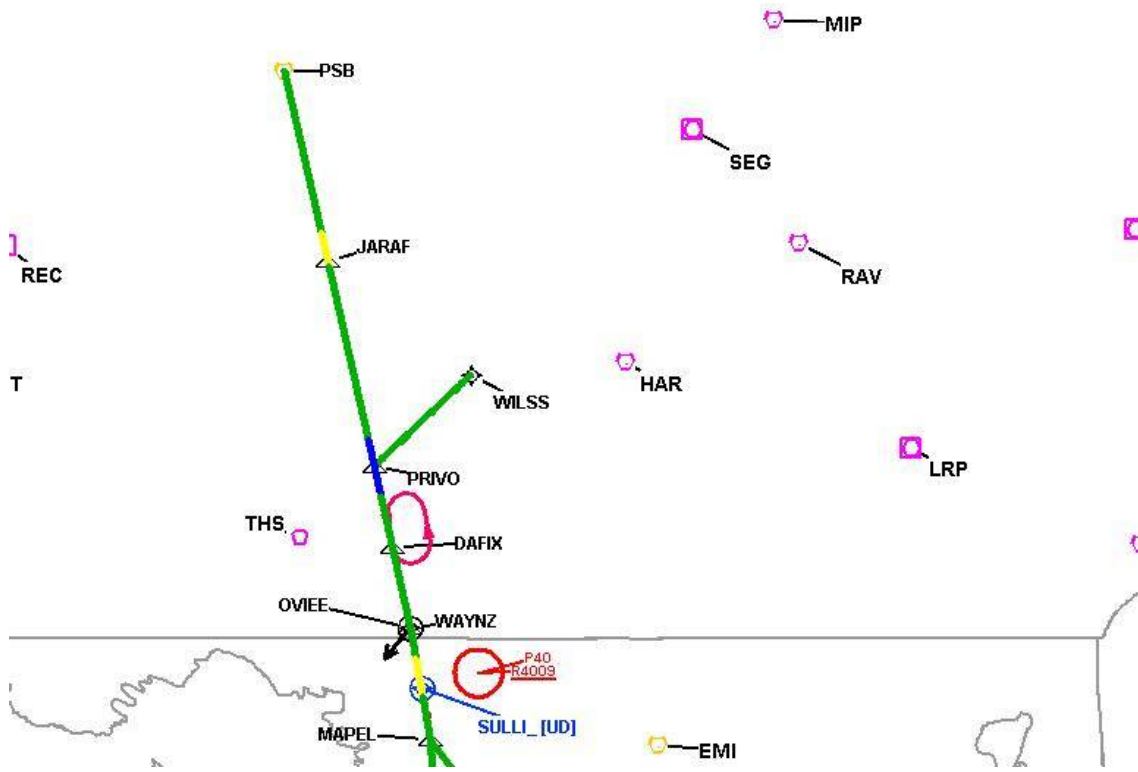
# DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS

Graphic Depiction 1



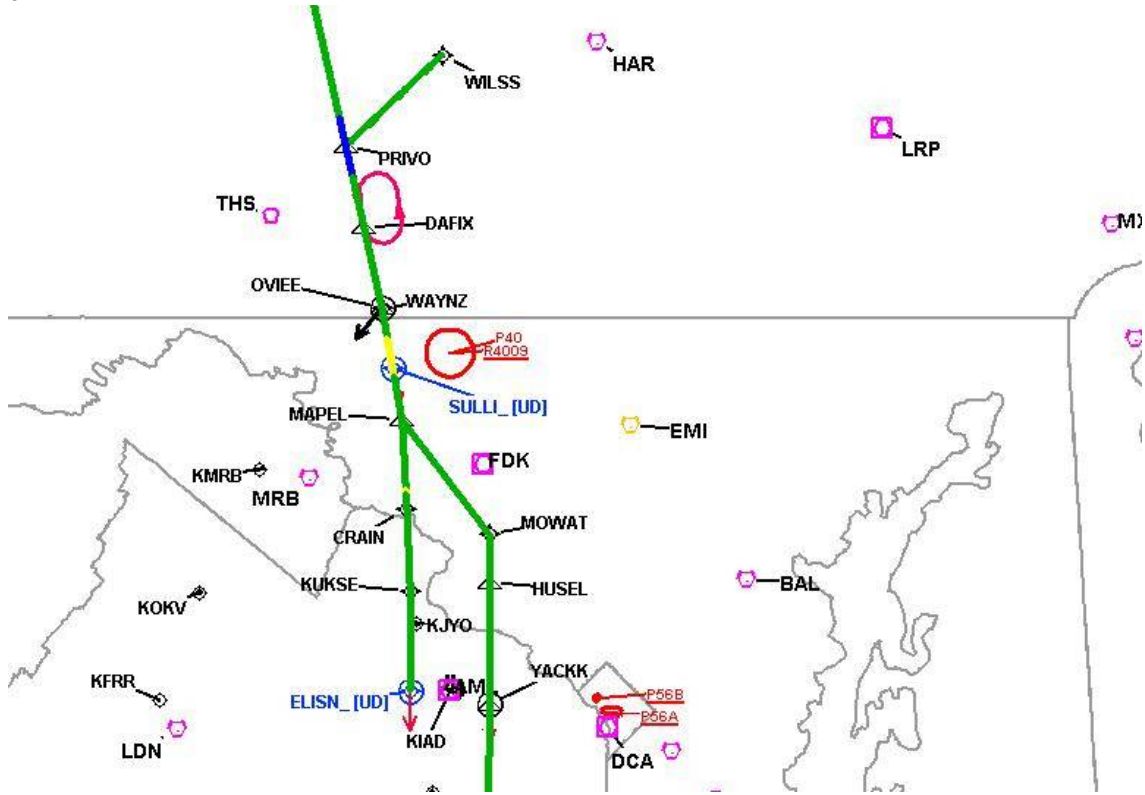
# DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS

Graphic Depiction 2



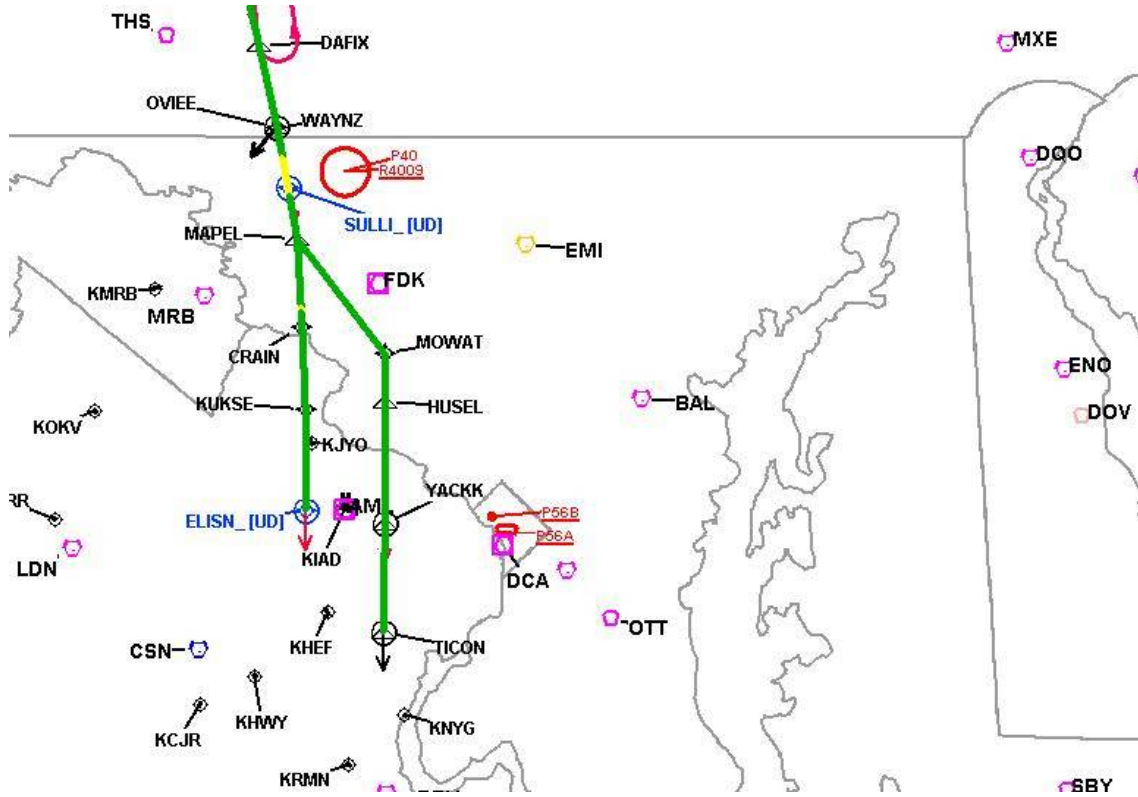
# DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS

Graphic Depiction 3



# DME DME Assessment Results for WAYNZ2 path SULLI\_WILSS

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\WAYNZ_SULLI_KIAD WAYNZ2 RNAV STAR WAYNZ SULLI 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
WAYNZ	WP	N39° 44' 32.5800", W077° 39' 03.6900"	6000	VNAV	250	FLY_BY	TF
SULLI_	WP	N39° 36' 57.8760", W077° 37' 18.7723"	6000	VNAV	200	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	100 %	100 %
2	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	100 %	100 %
3	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	48.6 %	48.6 %
4	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	EMI	THS			
3.9	MRB	EMI	THS	FDK		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
WAYNZ	SULLI_	EMI, MRB, FDK, THS	

**DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_**

**User Data Files**

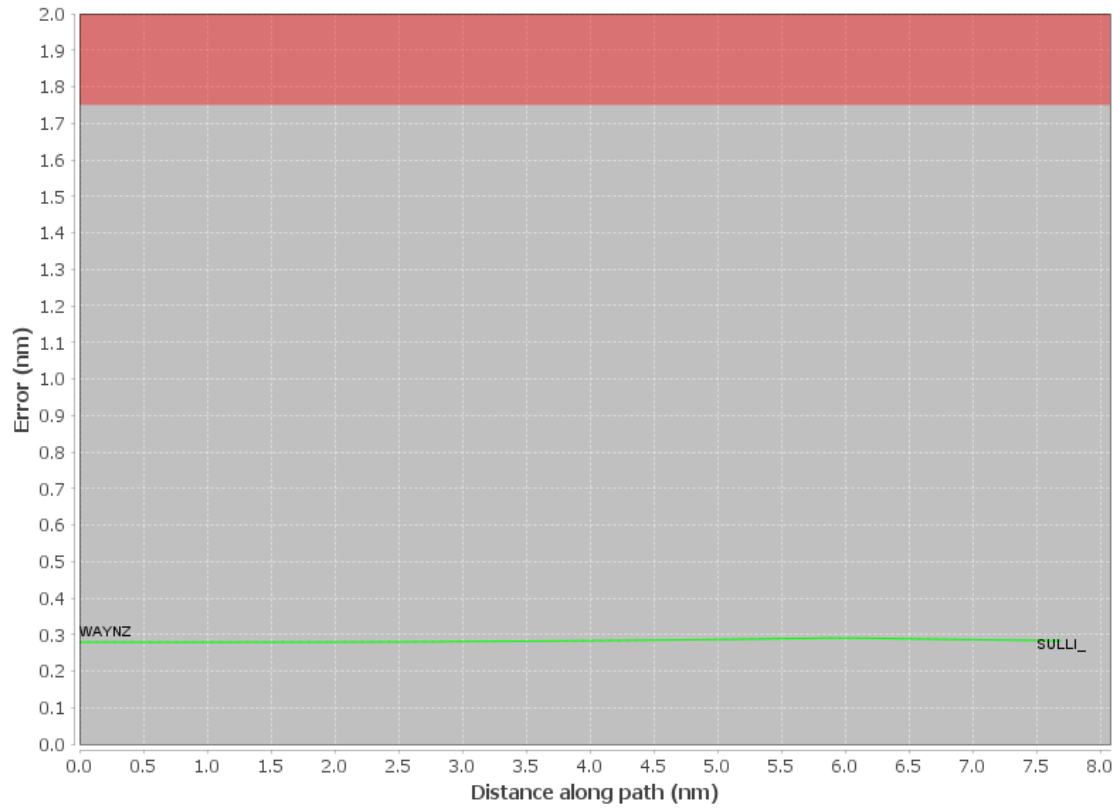
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt

**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
ESV:		Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
ESV:		Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
ESV:		Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

# DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_

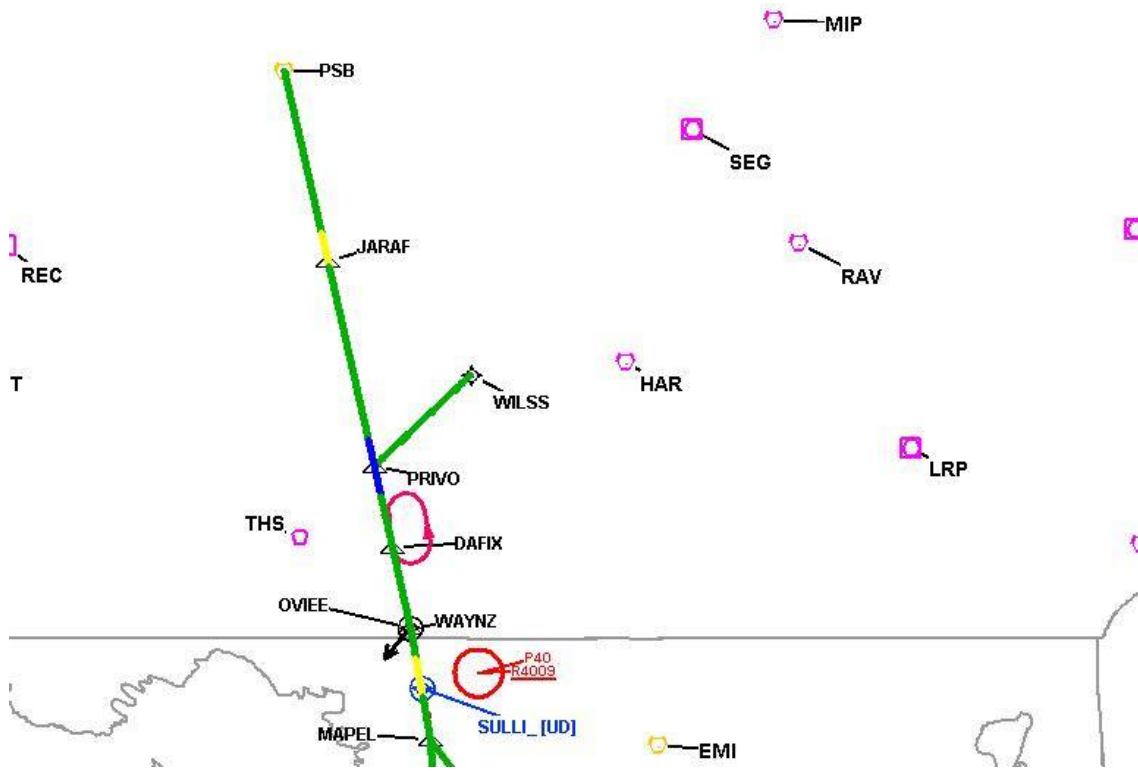
## DME Error





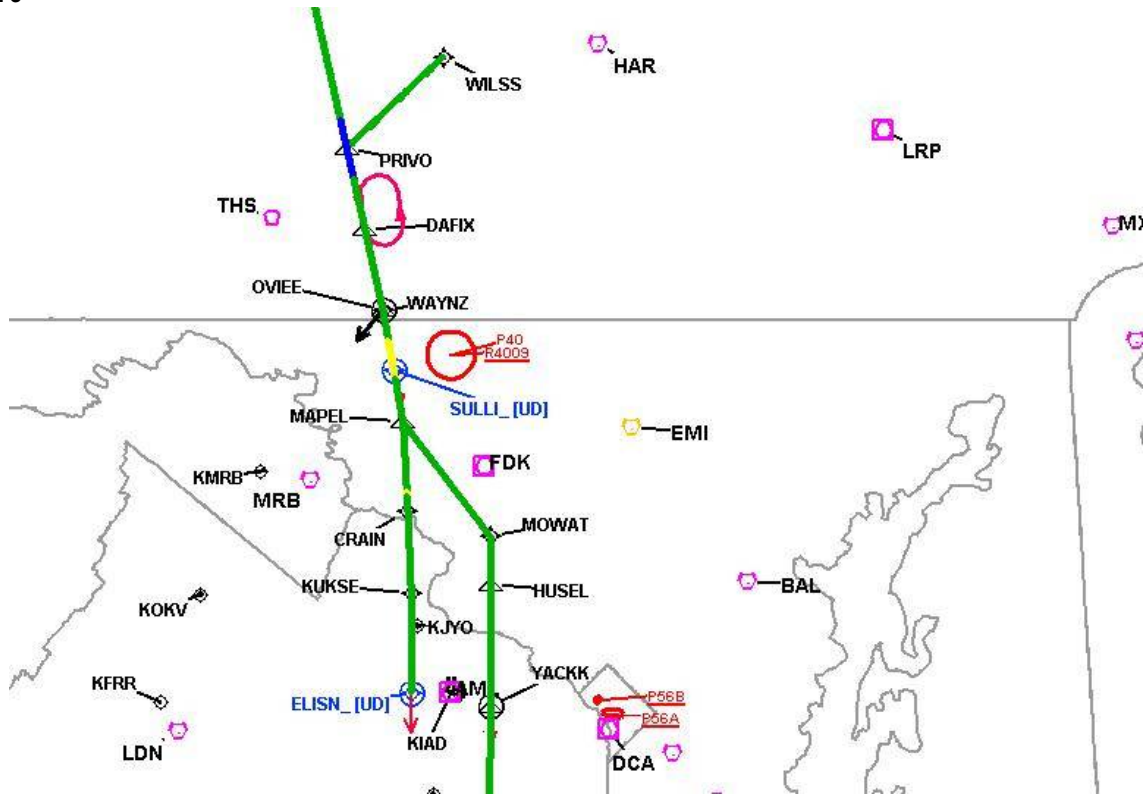
# DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_

Graphic Depiction 2



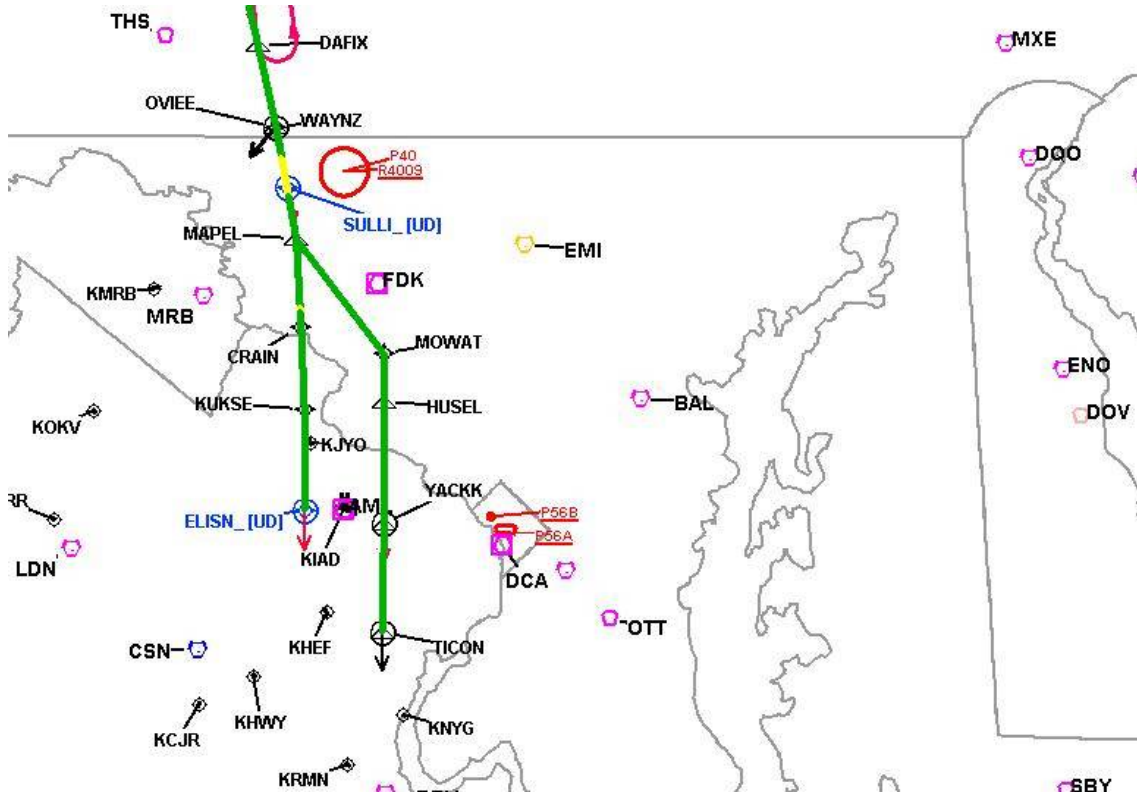
# DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_

Graphic Depiction 3



# DME DME Assessment Results for WAYNZ2 path WAYNZ\_SULLI\_

Graphic Depiction 4



## DME DME Assessment Results for WAYNZ2 path WILSS\_PRIVO

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD WAYNZ2 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD WAYNZ2 (RNAV) SID\KIAD [IFPA] WAYNZ2 20260225_1703 EST\WILSS_PRIVO\KIAD WAYNZ2 RNAV STAR WILSS PRIVO 20260225_1703 EST.pdf
Procedure Name:	WAYNZ2
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 17:03 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
WILSS	WP	N40° 16' 33.5100", W077° 29' 10.7400"	6000	VNAV	250	FLY_BY	TF
PRIVO	WP	N40° 04' 58.5700", W077° 44' 56.0100"	6000	VNAV	250	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KIAD [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for WAYNZ2 path WILSS\_PRIVO

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	100 %	100 %
2	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	10 %	10 %
3	PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	H		NO	Enabled	100 %	100 %
4	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PSB	THS	HAR	LRP		
1.7	PSB	THS	HAR			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
WILSS	PRIVO	HAR, LRP, PSB, THS	

**DME DME Assessment Results for WAYNZ2 path WILSS\_PRIV0**

**User Data Files**

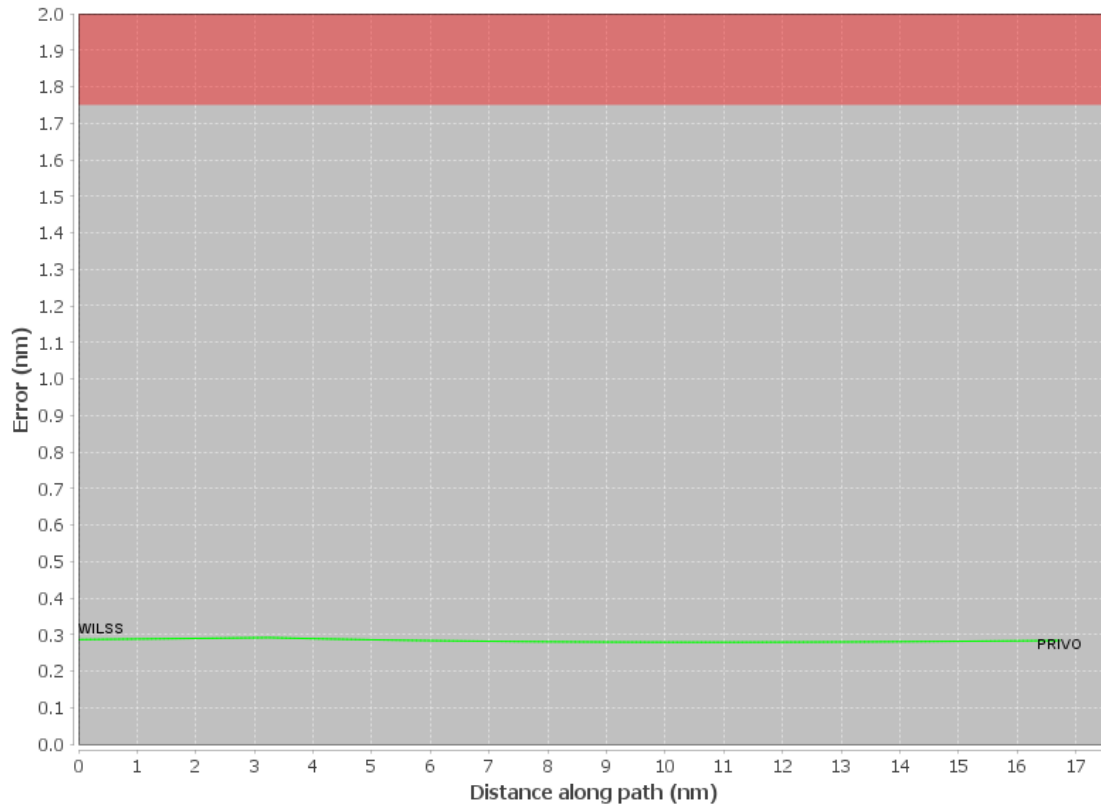
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] WAYNZ1 RNAV STAR_20231211_0806 EST.udt

**User DMEs**

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RAV RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	1750	114.6	RAV	
		ESV: Bearing [True]: 271.0° to 292.0° Bearing [Mag]: 282.0° to 303.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 19800.0 ft		
2	PSB PSB	N40° 54' 58.5320", W077° 59' 33.7810"	10.0 W	130	2443.4	115.5	PSB	
		ESV: Bearing [True]: 147.0° to 170.0° Bearing [Mag]: 157.0° to 180.0°				Arc Distance: Out to 55.0 NM Altitude: 5900.0 to 17000.0 ft		
3	ESV THS [IFPA] THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	2339	null	ESV THS [IFPA]	
		ESV: Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 1.0° to 10.0°				Arc Distance: Out to 62.0 NM Altitude: 5800.0 to 17000.0 ft		
4	LRP LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	399.4	117.3	LRP	
		ESV: Bearing [True]: 276.0° to 293.0° Bearing [Mag]: 285.0° to 302.0°				Arc Distance: Out to 82.0 NM Altitude: 5900.0 to 18400.0 ft		

# DME DME Assessment Results for WAYNZ2 path WILSS\_PRIVO

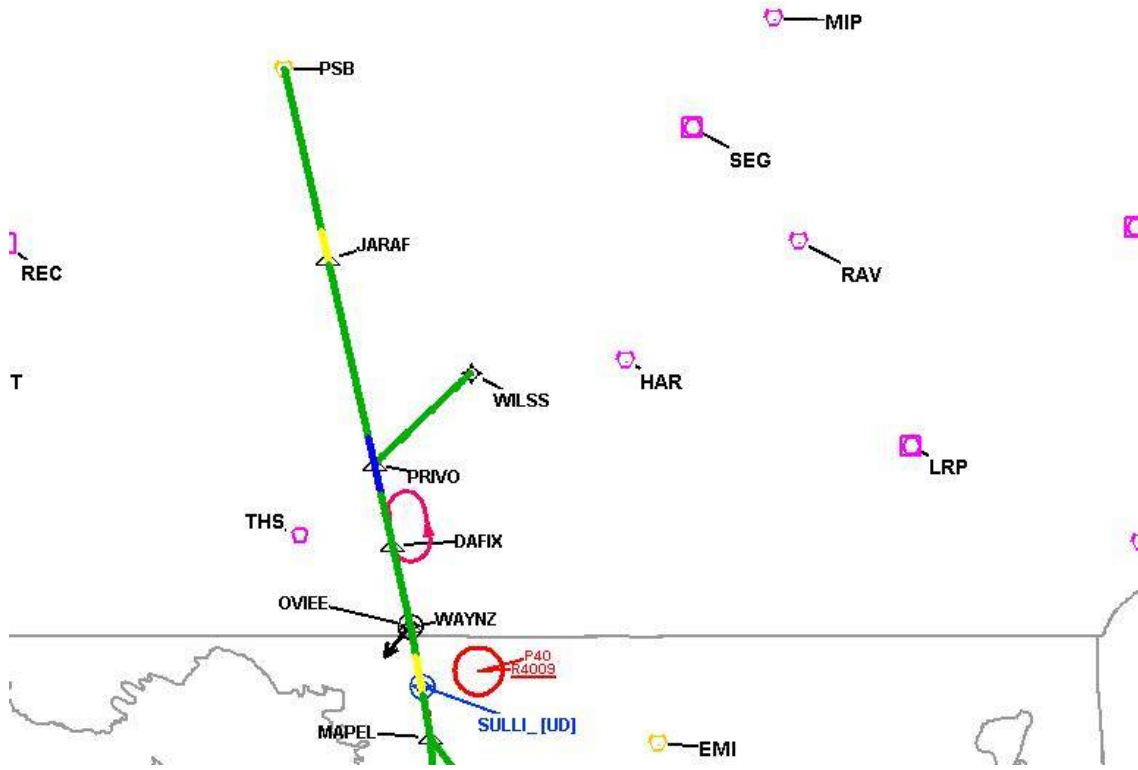
## DME Error





# DME DME Assessment Results for WAYNZ2 path WILSS\_PRIVO

Graphic Depiction 2



# DME DME Assessment Results for WAYNZ2 path WILSS\_PRIVO

Graphic Depiction 3

