

DME DME Assessment Results for SNUPE1 path PNU TZ_DLL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KMSP 261029\SIDS\KMSP SNUPE ONE SID 260319\re-do MEAs\KMSP SNUPE ONE SID DME MEA 260603.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KMSP 261029\SIDS\KMSP SNUPE ONE SID 260319\re-do MEAs\KMSP [IFPA] SNUPE1 20260603_1607 EDT\PNUTZ_DLL\KMSP SNUPE1 SID PNU TZ_DLL 20260603_1607 EDT.pdf
Procedure Name:	SNUPE1
Software: DmeDmePlugin:	8.0.0
Date/Time:	06/03/2026 16:07 EDT
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
PNUTZ	WP	N44° 40' 31.5742", W092° 38' 52.3696"	4000	VNAV	200	FLY_BY	TF
SNUPE	WP	N44° 34' 22.3952", W092° 25' 39.2647"	6253	VNAV	200	FLY_BY	TF
WDSTK	WP	N44° 30' 28.6071", W092° 15' 24.2309"	8000	VNAV	200	FLY_BY	TF
DLL	WP	N43° 33' 03.0082", W089° 45' 49.0409"	8000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMSP [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

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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:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	JVL	N42° 33' 28.8293", W089° 06' 18.9265"	3.0 E	40	L		NO	Enabled	6.4 %	6.4 %
2	DLL	N43° 33' 03.0082", W089° 45' 49.0409"	3.0 E	130	H		NO	Enabled	25.7 %	25.7 %
3	RZN	N45° 49' 13.6015", W092° 22' 28.2562"	-0.0 E	40	L		NO	Enabled	7.4 %	7.4 %
4	MSN	N43° 08' 41.4057", W089° 20' 22.9086"	3.0 E	40	L		NO	Enabled	6 %	6 %
5	MSP	N44° 53' 47.3958", W093° 14' 11.5137"	2.0 E	130	DH		NO	Enabled	46.5 %	46.5 %
6	FOW	N44° 12' 16.0000", W093° 22' 13.8000"	2.0 E	25	T		NO	Enabled	16.3 %	16.3 %
7	FCM	N44° 49' 31.2603", W093° 26' 33.6793"	1.0 E	40	L		NO	Enabled	2.7 %	2.7 %
8	LNR	N43° 17' 39.8500", W090° 07' 59.3257"	0.0 E	130	DH		NO	Enabled	67 %	67 %
9	FGT	N44° 37' 51.4303", W093° 10' 55.3911"	6.0 E	130	H		NO	Enabled	12.6 %	12.6 %
10	RST	N43° 46' 58.4501", W092° 35' 49.0560"	5.0 E	130	DH		NO	Enabled	70.8 %	70.8 %
11	ODI	N43° 54' 44.3850", W091° 28' 03.0582"	1.0 E	130	H		NO	Enabled	55.7 %	55.7 %
12	EAU	N44° 53' 51.6121", W091° 28' 42.7259"	4.0 E	130	H		NO	Enabled	1.2 %	1.2 %
13	UKN	N43° 16' 48.3077", W091° 32' 14.5026"	0.0 E	40	L		NO	Enabled	14.7 %	14.7 %

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Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	FOW	MSP	FCM	FGT		
1.4	FGT	RST	FCM	MSP		
3.0	FGT	RST	FCM	FOW	MSP	
3.9	FGT	RST	FOW	MSP		
17.9	RST	MSP	FOW			
19.6	RST	MSP	FOW	RZN		
23.9	RST	MSP	EAU	FOW	RZN	
24.7	RST	MSP	RZN			
30.1	RST	MSP	ODI	EAU		
31.1	RST	MSP				
31.6	RST	MSP	ODI			
46.8	ODI	RST	MSP	LNR		
65.9	LNR	ODI	RST			
80.7	LNR	ODI	UKN	RST		
101.0	UKN	LNR	RST			
101.5	LNR	RST				
101.9	LNR	DLL				
132.7	LNR	DLL	JVL			
133.1	LNR	DLL	ODI	JVL		
133.3	LNR	DLL	ODI	MSN	JVL	
138.4	LNR	MSN	JVL	ODI		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
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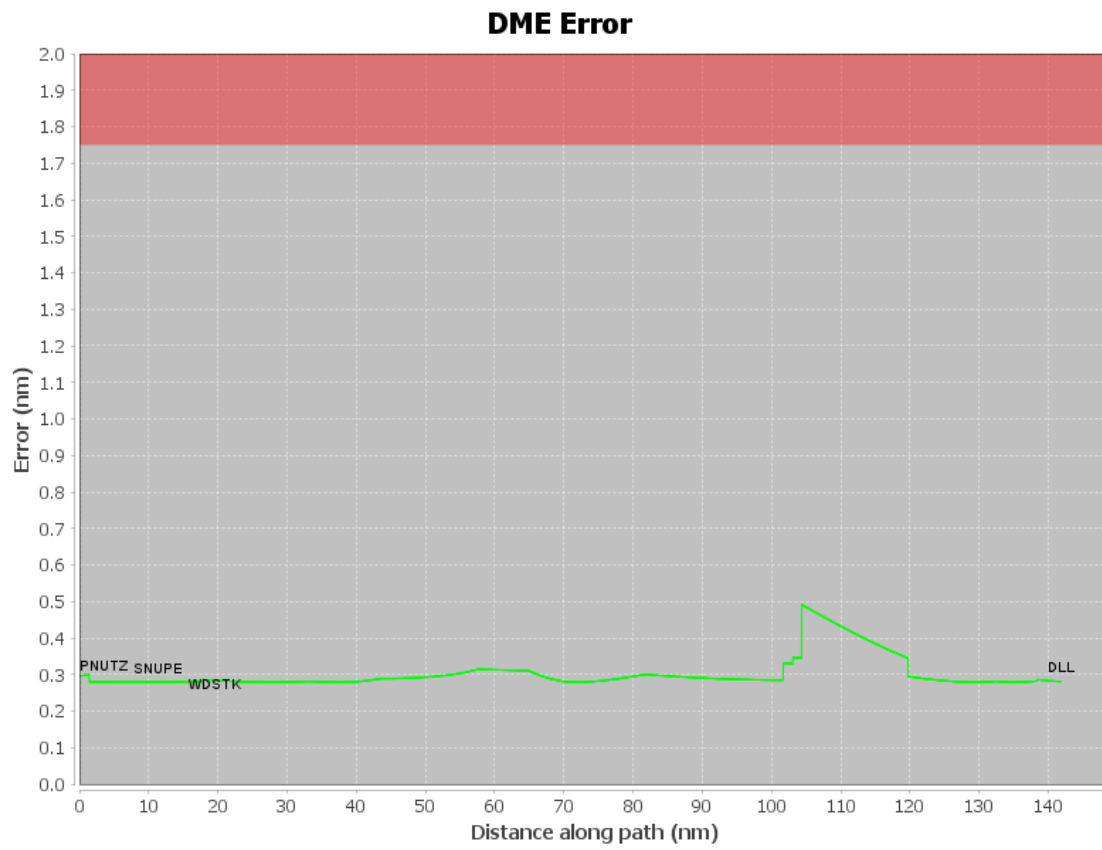
Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
PNUTZ	SNUPE	FCM, FGT, RST, MSP, FOW	
SNUPE	WDSTK	FGT, RST, RZN, MSP, FOW	
WDSTK	DLL	LNR, JVL, RST, ODI, DLL, RZN, EAU, UKN, MSN, MSP, FOW	

User Data Files

#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FOW [IFPA] FOW	N44° 12' 16.0000", W093° 22' 13.8000"	2.0 E	25	1099.1	111.2	ESV FOW [IFPA]	
ESV:		Bearing [True]: 4.0° to 95.0° Bearing [Mag]: 2.0° to 93.0°				Arc Distance: Out to 57.0 NM Altitude: 3900.0 to 12200.0 ft		
2	ESV JVL [IFPA] JVL	N42° 33' 28.8293", W089° 06' 18.9265"	3.0 E	40	931.5	114.3	ESV JVL [IFPA]	
ESV:		Bearing [True]: 327.0° to 338.0° Bearing [Mag]: 324.0° to 335.0°				Arc Distance: Out to 76.0 NM Altitude: 7900.0 to 19000.0 ft		
3	ESV UKN [IFPA] UKN	N43° 16' 48.3077", W091° 32' 14.5026"	0.0 E	40	1288.1	115.85	ESV UKN [IFPA]	
ESV:		Bearing [True]: 27.0° to 51.0° Bearing [Mag]: 27.0° to 51.0°				Arc Distance: Out to 59.0 NM Altitude: 7900.0 to 19300.0 ft		
4	RZN FAA 840205-13 RZN	N45° 49' 13.6015", W092° 22' 28.2562"	-0.0 E	40	986.6	109.4	RZN FAA 840205-13	
ESV:		Bearing [True]: 137.0° to 178.0° Bearing [Mag]: 137.0° to 178.0°				Arc Distance: Out to 88.0 NM Altitude: 8000.0 to 13000.0 ft		
5	ESV ODI [IFPA] ODI	N43° 54' 44.3850", W091° 28' 03.0582"	1.0 E	130	1281.6	117.9	ESV ODI [IFPA]	
ESV:		Bearing [True]: 101.0° to 109.0° Bearing [Mag]: 100.0° to 108.0°				Arc Distance: Out to 79.0 NM Altitude: 7900.0 to 15800.0 ft		

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Graphic Depiction 1

