

DME DME Assessment Results for IRVVV1 path MUNBE_IRVVV

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KCLT\New Procedures for Bre\KCLT IRVVV1 (RNAV) SID DME 29 OCT 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KCLT\New Procedures for Bre\IRVVV SID\DME\KCLT [IFPA] IRVVV1 20251029_1444 EDT\MUNBE_IRVVV\KCLT IRVVV1 SID MUNBE IRVVV 20251029_1444 EDT.pdf
Procedure Name:	IRVVV1
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/29/2025 14:44 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
MUNBE	WP	N35° 19' 45.50", W080° 29' 21.60"	4000	VNAV	200	FLY_BY	TF
CAARZ	WP	N35° 25' 47.11", W080° 09' 29.20"	7465.8	VNAV	200	FLY_BY	TF
IRVVV	WP	N35° 41' 25.35", W080° 00' 32.01"	10913.4	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KCLT [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:	Not 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	GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	H		NO	Enabled	49.9 %	49.9 %
2	CTF	N34° 39' 01.79", W080° 16' 29.70"	3.0 W	130	DH		NO	Enabled	100 %	100 %
3	LIB	N35° 48' 41.84", W079° 36' 45.33"	3.0 W	40	L		NO	Enabled	100 %	100 %
4	SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	L		NO	Enabled	96.9 %	97 %
5	CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	L		NO	Enabled	45.3 %	45.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CLT	CTF	LIB	SDZ		
7.4	CLT	CTF	LIB			
8.4	CLT	CTF	SDZ	LIB		
15.7	SDZ	CTF	LIB			
17.4	GSO	SDZ	CTF	LIB		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MUNBE	CAARZ	CTF, LIB, SDZ, CLT	
CAARZ	IRVVV	GSO, LIB, CTF, SDZ	

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User Data Files

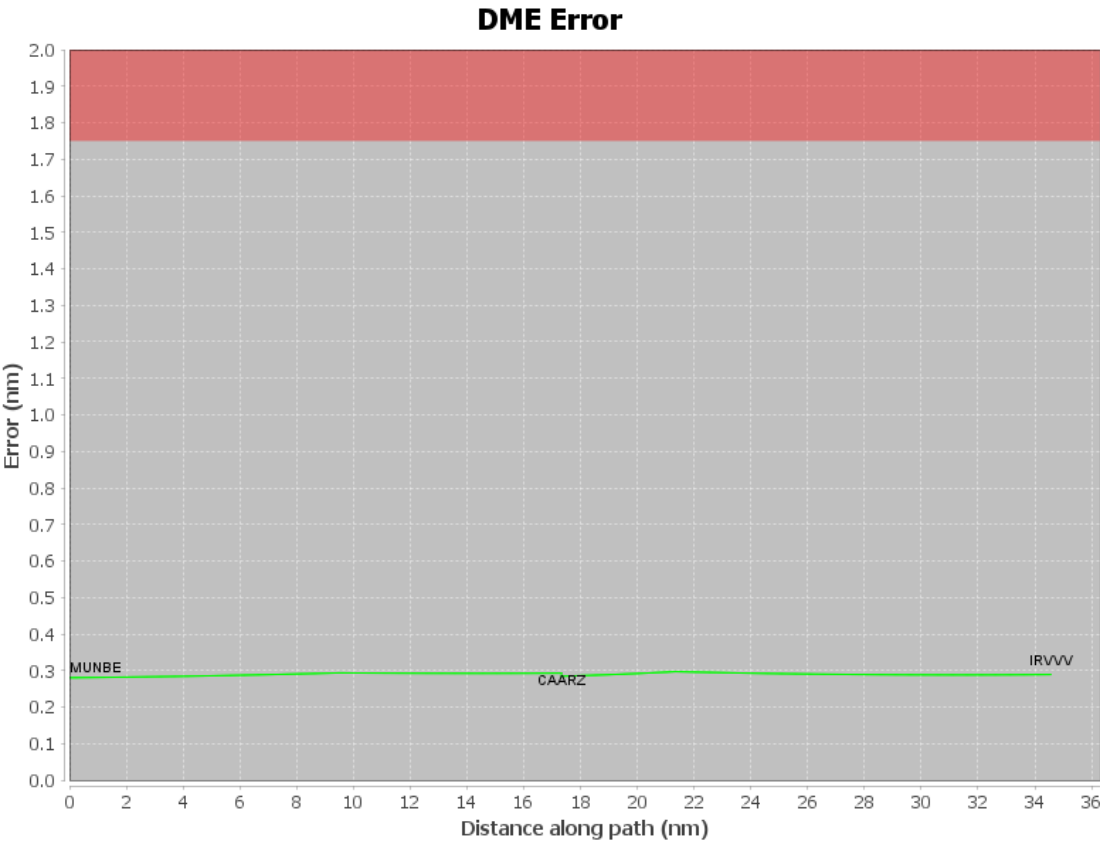
File Name

None

User DMEs

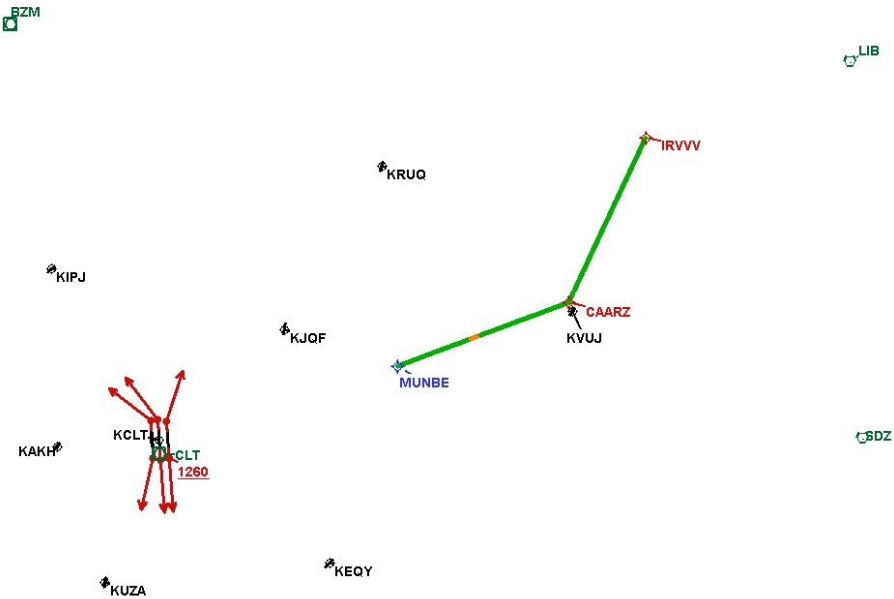
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LIB FAA 871832-52 LIB	N35° 48' 41.84", W079° 36' 45.33"	3.0 W	40	827.6	113.0	LIB FAA 871832-52	
ESV:		Bearing [True]: 125.0° to 247.0° Bearing [Mag]: 128.0° to 250.0°				Arc Distance: Out to 61.0 NM Altitude: 3400.0 to 15000.0 ft		
2	SDZ FAA 704009-11 SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	588	111.8	SDZ FAA 704009-11	
ESV:		Bearing [True]: 247.0° to 289.0° Bearing [Mag]: 250.0° to 292.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 15000.0 ft		

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Graphic Depiction 1



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Graphic Depiction 2

