

## DME DME Assessment Results for KILNS6 path MUNBE\_AUDII

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\SIDs RWY PHASE 1\KILNS6 (RNAV) SID\KCLT KILNS6 (RNAV) SID DME 18 NOV 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KCLT\SIDs RWY PHASE 1\KILNS6 (RNAV) SID\KCLT [IFPA] KILNS6 20251118_1256 EST\MUNBE_AUDII\KCLT KILNS6 SID MUNBE AUDII 20251118_1256 EST.pdf
Procedure Name:	KILNS6
Software: DmeDmePlugin:	7.5.1
Date/Time:	11/18/2025 12:56 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
MUNBE	WP	N35° 19' 45.50", W080° 29' 21.60"	4000	VNAV	200	FLY_BY	TF
LILIC	WP	N35° 25' 47.11", W080° 09' 29.20"	13000	VNAV	200	FLY_BY	TF
KILNS	WP	N35° 31' 56.47", W079° 49' 17.41"	17000	VNAV	240	FLY_BY	TF
DURST	WP	N35° 42' 15.20", W079° 16' 05.58"	17000	VNAV	240	FLY_BY	TF
AUDII	WP	N36° 12' 07.71", W078° 48' 36.26"	18000	VNAV	240	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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<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:	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

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	FAK	N37° 31' 42.63", W077° 49' 41.59"	6.0 W	130	H		NO	Enabled	6.7 %	6.9 %
2	GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	H		NO	Enabled	77.5 %	80.1 %
3	RDU	N35° 52' 21.08", W078° 47' 00.03"	9.0 W	130	H		NO	Enabled	71.9 %	74.2 %
4	CTF	N34° 39' 01.79", W080° 16' 29.70"	3.0 W	130	DH		NO	Enabled	100 %	100 %
5	LIB	N35° 48' 41.84", W079° 36' 45.33"	3.0 W	40	L		NO	Enabled	92.1 %	91.9 %
6	BZM	N35° 52' 07.87", W081° 14' 25.90"	6.0 W	130	H		NO	Enabled	30.3 %	31.2 %
7	TYI	N35° 58' 36.21", W077° 42' 13.43"	5.0 W	130	H		NO	Enabled	52.2 %	53.9 %
8	SBV	N36° 40' 30.14", W079° 00' 52.20"	5.0 W	40	L		NO	Enabled	10.3 %	10.7 %
9	SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	L		NO	Enabled	68.9 %	68.1 %
10	FLO	N34° 13' 58.69", W079° 39' 25.78"	3.0 W	130	H		NO	Enabled	46.1 %	47.6 %
11	CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	L		NO	Enabled	18 %	15.5 %

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<b>Flight Check DME Selection</b>						
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			
20.2	SDZ	LIB	CTF	GSO		
24.5	SDZ	LIB	CTF	GSO	FLO	
70.0	GSO	CTF	FLO	LIB	TYI	RDU
72.7	GSO	CTF	LIB	TYI		
72.8	GSO	CTF	LIB	TYI	RDU	
93.0	GSO	SBV	TYI	RDU	CTF	
96.6	GSO	SBV	RDU	FAK	CTF	

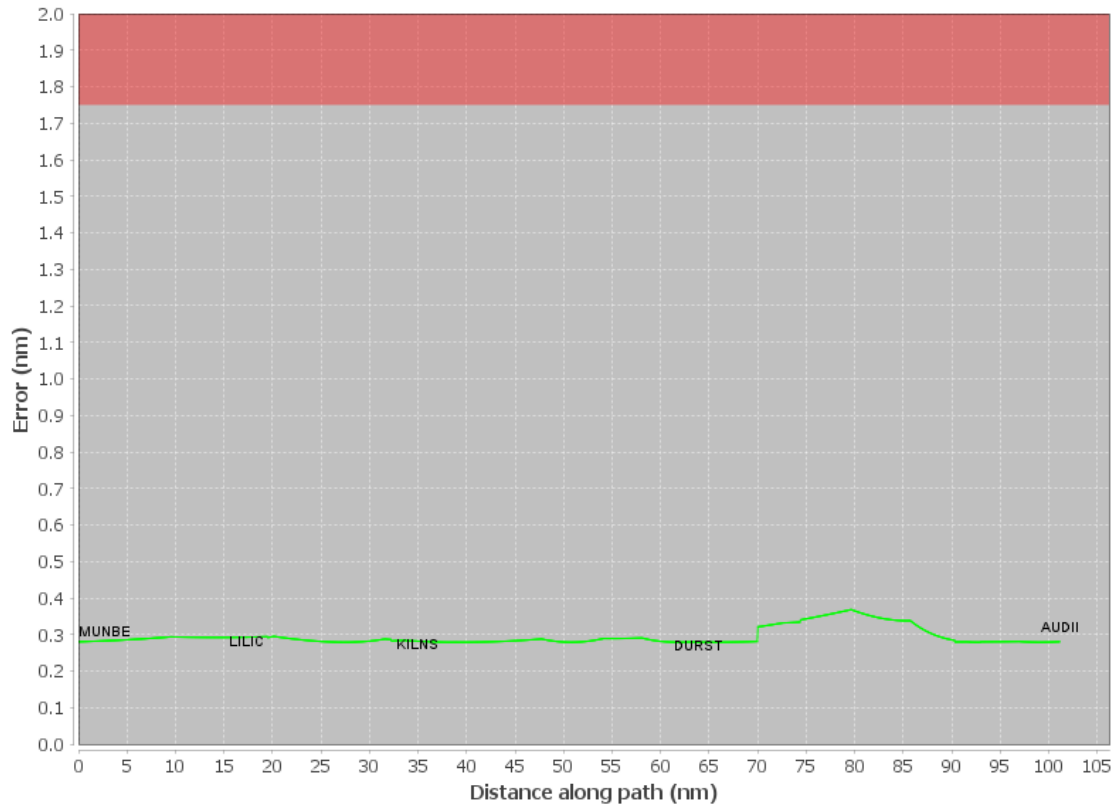
<b>Inertial Drift Segments</b>			
#	Start Location	End Location	Length [NM]

<b>Available DMEs by Waypoints</b>			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MUNBE	LILIC	CTF, LIB, SDZ, CLT	
LILIC	KILNS	GSO, RDU, LIB, CTF, BZM, SDZ, FLO	
KILNS	DURST	RDU, GSO, LIB, BZM, CTF, TYI, SDZ, FLO	
DURST	AUDII	FAK, GSO, RDU, LIB, BZM, CTF, TYI, SBV, SDZ, FLO	

<b>User Data Files</b>								
#	File Name							
	None							
<b>User DMEs</b>								
#	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		

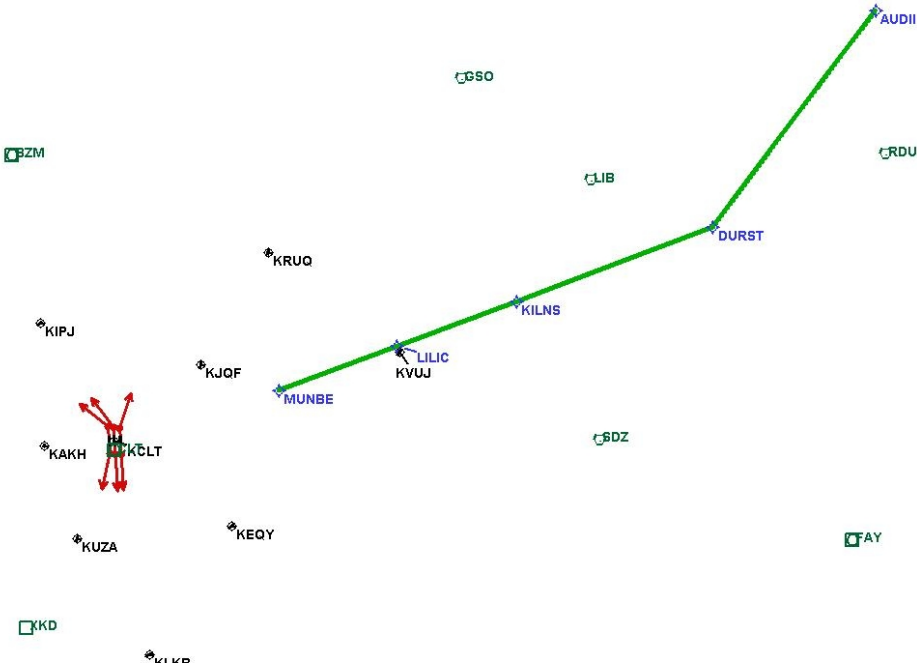
# DME DME Assessment Results for KILNS6 path MUNBE\_AUDII

## DME Error



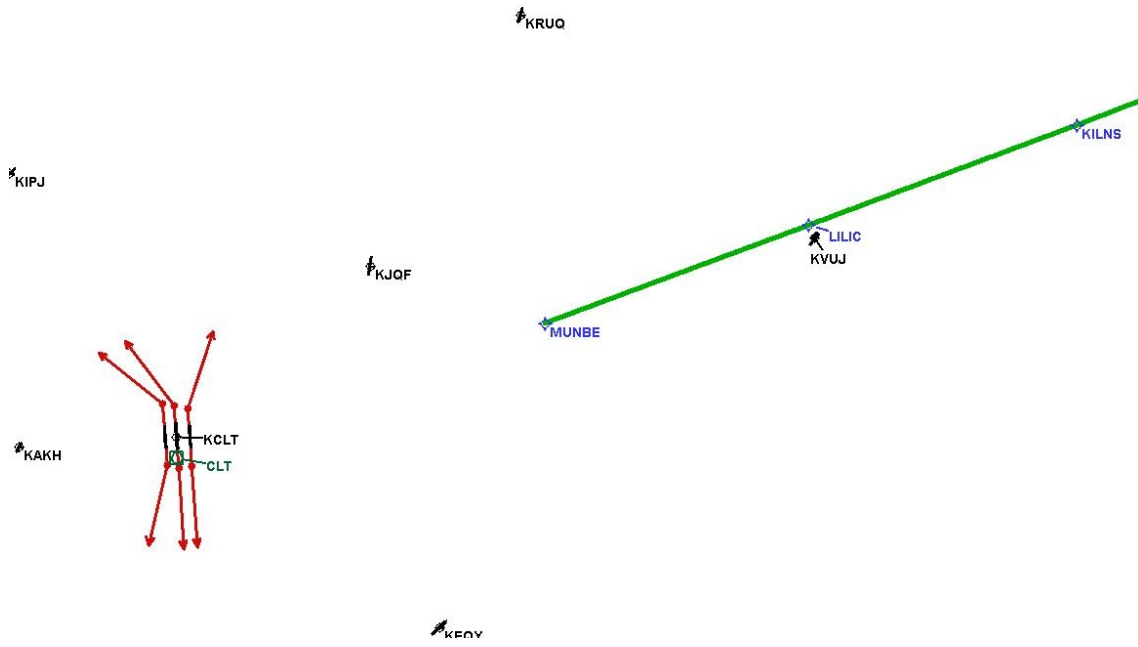
DME DME Assessment Results for KILNS6 path MUNBE\_AUDII

Graphic Depiction 1



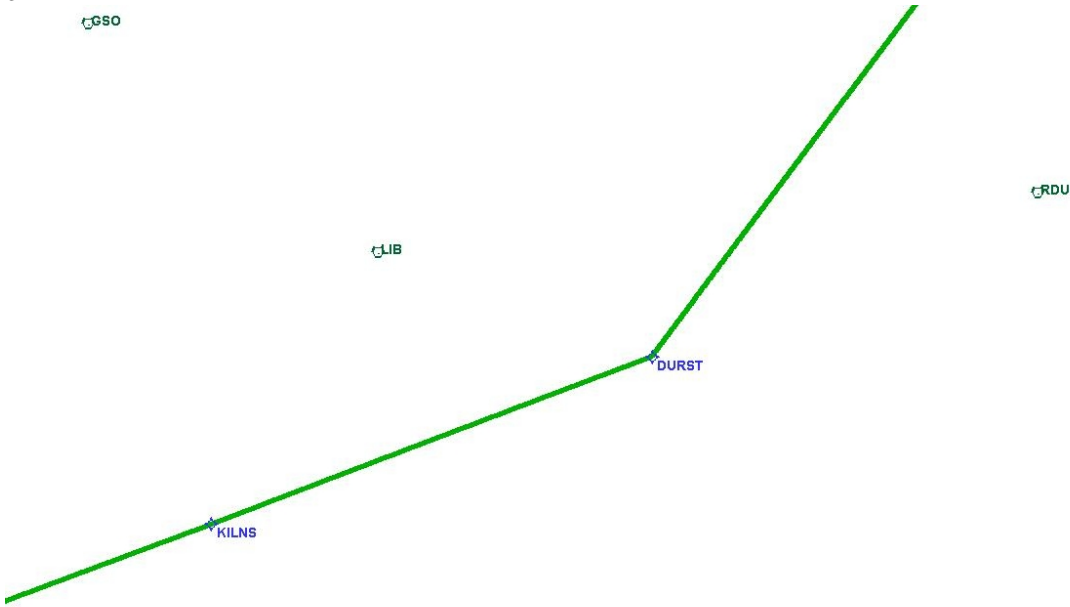
# DME DME Assessment Results for KILNS6 path MUNBE\_AUDII

Graphic Depiction 2



DME DME Assessment Results for KILNS6 path MUNBE\_AUDII

Graphic Depiction 3



DME DME Assessment Results for KILNS6 path MUNBE\_AUDII

Graphic Depiction 4

