

DME DME Assessment Results for ICONS6 path GILFN_NOOKS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\CLT Multiple ECDs for NEW RWY_9.30.2027\CLT_ECD 5.14.2026\ICONS6\DME\CLT ICONS6_DME_250521.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\CLT Multiple ECDs for NEW RWY_9.30.2027\CLT_ECD 5.14.2026\ICONS6\DME\KCLT [IFPA] ICONS6 20250521_0706 EDT\GILFN_NOOKS\KCLT ICONS6 SID GILFN NOOKS 20250521_0706 EDT.pdf
Procedure Name:	ICONS6
Software: DmeDmePlugin:	7.5.0
Date/Time:	05/21/2025 07:06 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
GILFN	WP	N34° 47' 44.2000", W080° 58' 01.4400"	4000	VNAV	200	FLY_BY	TF
ICONS	WP	N34° 37' 14.8200", W080° 58' 21.2700"	6100	VNAV	200	FLY_BY	TF
NOOKS	WP	N33° 58' 56.0000", W081° 01' 56.0000"	13700	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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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:	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	XKD	N34° 46' 58.8200", W081° 11' 53.9100"	-0.0 E	40	L		NO	Enabled	78.7 %	78.3 %
2	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L		NO	Enabled	52.5 %	52.7 %
3	CTF	N34° 39' 01.7930", W080° 16' 29.6989"	3.0 W	130	DH		NO	Enabled	100 %	100 %
4	MMT	N33° 55' 26.7400", W080° 48' 08.4400"	8.0 W	40	L		NO	Enabled	69.8 %	69.9 %
5	CAE	N33° 51' 26.0995", W081° 03' 14.0501"	2.0 W	130	H		NO	Enabled	100 %	100 %
6	AHN	N33° 56' 51.3369", W083° 19' 29.1316"	0.0 E	130	DH		NO	Enabled	19.6 %	20 %
7	GRD	N34° 15' 05.6380", W082° 09' 14.9360"	1.0 W	130	H		NO	Enabled	47.4 %	47.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CAE	XKD	CTF	GRD		
14.7	MMT	CTF	GRD	CAE	XKD	
23.1	XKD	CTF	MMT	SSC	CAE	
38.3	MMT	CTF	CAE	SSC		
39.1	MMT	CTF	CAE	SSC	AHN	

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
GILFN	ICONS	XKD, CTF, CAE, GRD	
ICONS	NOOKS	XKD, SSC, CTF, MMT, CAE, AHN, GRD	

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User Data Files

#	File Name
	None

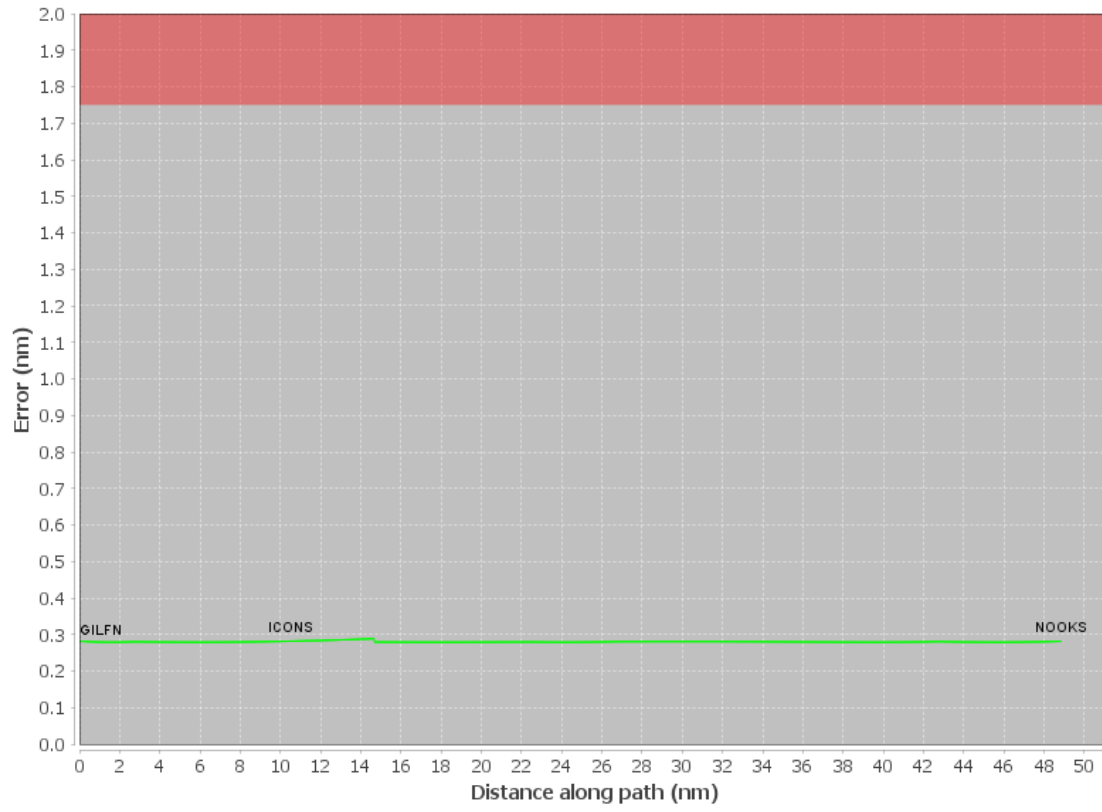
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GRD FAA 861943-13 GRD	N34° 15' 05.6380", W082° 09' 14.9360"	1.0 W	130	632.3	null	GRD FAA 861943-13	
	ESV:	Bearing [True]: 51.0° to 131.0° Bearing [Mag]: 52.0° to 132.0°				Arc Distance: Out to 72.0 NM Altitude: 4000.0 to 15200.0 ft		
2	CAE FAA 704182-15 CAE	N33° 51' 26.0995", W081° 03' 14.0501"	2.0 W	130	404.1	114.7	CAE FAA 704182-15	
	ESV:	Bearing [True]: 357.0° to 15.0° Bearing [Mag]: 359.0° to 17.0°				Arc Distance: Out to 75.0 NM Altitude: 4000.0 to 15000.0 ft		

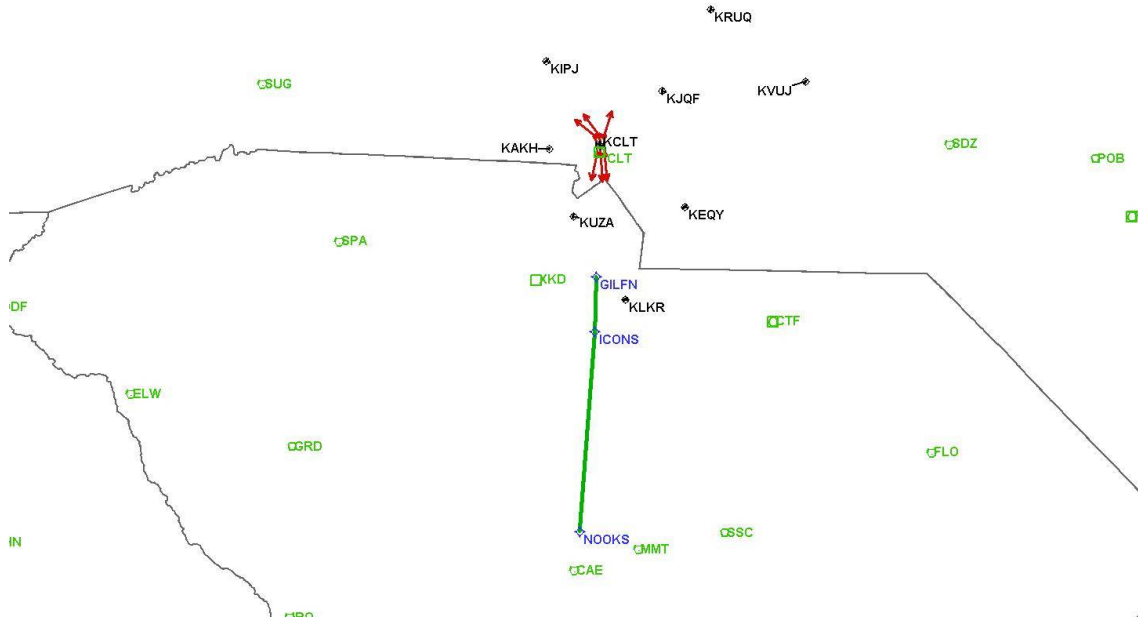
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DME Error



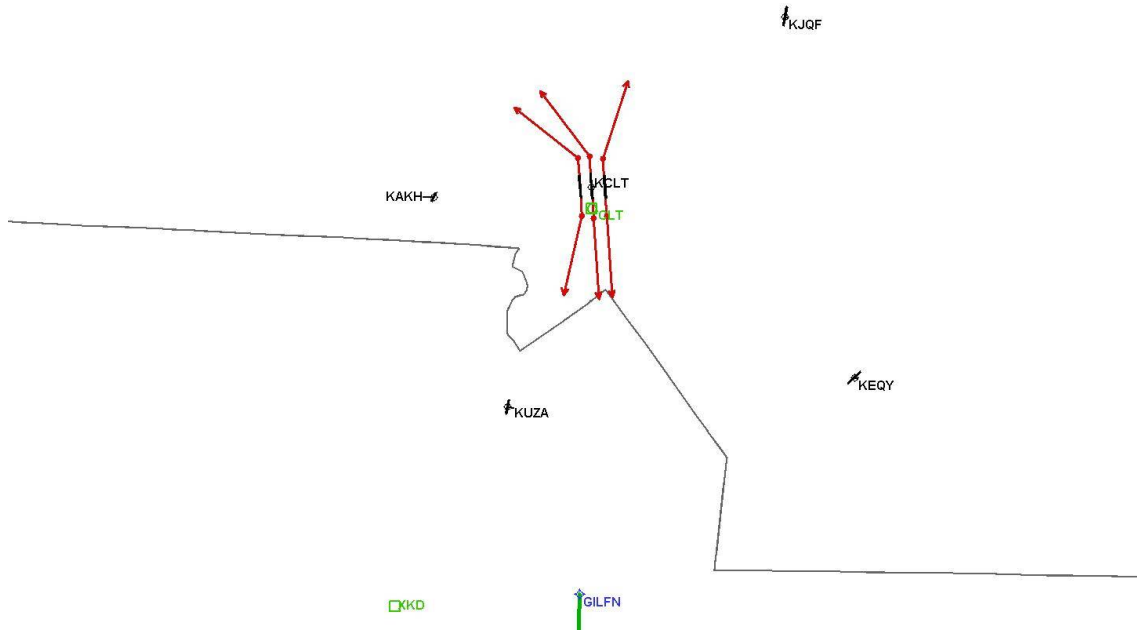
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Graphic Depiction 1



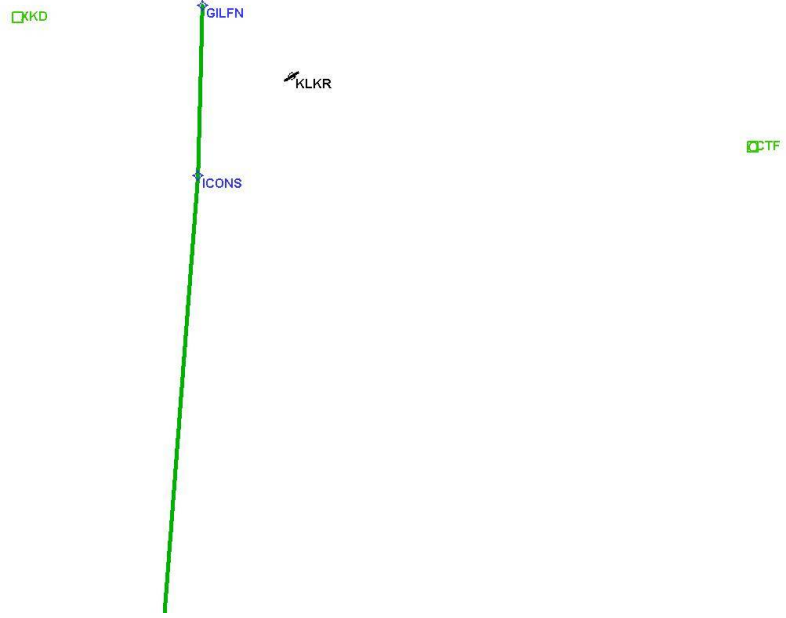
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Graphic Depiction 2



DME DME Assessment Results for ICONS6 path GILFN_NOOKS

Graphic Depiction 3



DME DME Assessment Results for ICONS6 path GILFN_NOOKS

Graphic Depiction 4

