

DME DME Assessment Results for BTSEY1 path GZG_CEDOX

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Breanne M-CTR Sparac
Project File:	C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\CLT RUNWAY PROJECT\NEW RNAV PROCEDURES\9.3.2026\BTSEY1 STAR\DME\KCLT BTSEY (RNAV) STAR DME 27 AUG 2025.tgs
Output File:	C:\Users\Breanne M-CTR Sparac\OneDrive - Federal Aviation Administration\Documents\RNAV PROJECTS\CLT RUNWAY PROJECT\NEW RNAV PROCEDURES\9.3.2026\BTSEY1 STAR\DME\KCLT [IFPA] BTSEY1 20250904_1248 EDT\GZG_CEDOX\KCLT BTSEY1 RNAV STAR GZG CEDOX 20250904_1248 EDT.pdf
Procedure Name:	BTSEY1
Software: DmeDmePlugin:	7.5.1
Date/Time:	09/04/2025 12:48 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
GZG	WP	N36° 49' 30.36", W082° 04' 44.31"	11000	VNAV	200	FLY_BY	TF
JTEEA	WP	N36° 26' 21.64", W081° 48' 29.12"	11000	VNAV	200	FLY_BY	TF
BTSEY	WP	N35° 42' 22.96", W081° 18' 06.50"	8000	VNAV	200	FLY_BY	TF
CEDOX	WP	N35° 15' 53.64", W081° 04' 22.20"	3000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCLT [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

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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	HMV	N36° 26' 13.40", W082° 07' 46.56"	4.0 W	40	L		NO	Enabled	51.8 %	51.8 %
2	XKD	N34° 46' 58.82", W081° 11' 53.91"	-0.0 E	40	L		NO	Enabled	9.3 %	9.3 %
3	GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	H		NO	Enabled	21 %	21 %
4	BZM	N35° 52' 07.87", W081° 14' 25.90"	6.0 W	130	H		NO	Enabled	58.7 %	58.7 %
5	SUG	N35° 24' 23.42", W082° 16' 07.01"	2.0 W	40	L		NO	Enabled	30.2 %	30.2 %
6	CTF	N34° 39' 01.79", W080° 16' 29.70"	3.0 W	130	DH		NO	Enabled	18.1 %	18.1 %
7	GZG	N36° 49' 30.36", W082° 04' 44.31"	2.0 W	40	L		NO	Enabled	33 %	33 %
8	LOZ	N37° 01' 59.34", W084° 06' 36.27"	3.0 W	130	DH		NO	Enabled	15.2 %	15.2 %
9	SOT	N35° 47' 24.36", W083° 03' 08.53"	4.0 W	40	L		NO	Enabled	37.3 %	37.3 %
10	CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	L		NO	Enabled	18.6 %	18.6 %
11	BKW	N37° 46' 49.08", W081° 07' 24.44"	6.0 W	130	DH		NO	Enabled	11.5 %	11.5 %

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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BZM	BKW	SOT	HMV	LOZ	
5.7	BKW	GZG	HMV	LOZ		
12.3	HMV	GZG	LOZ			
16.1	BZM	HMV	GZG	SOT		
25.2	HMV	GZG	BZM			
27.6	HMV	GZG				
28.6	SOT	GZG	HMV			
31.5	SOT	GZG	BZM	HMV		
36.8	HMV	GZG				
37.7	SOT	GZG	BZM	HMV		
38.2	HMV	GZG				
39.8						
40.0	SOT	BZM	HMV			
46.5	SUG	HMV	BZM	SOT		
52.9	SUG	HMV	BZM	SOT	GSO	
55.0	SOT	BZM				
56.2						
58.9	SUG	BZM				
61.1	SUG	BZM	GSO			
62.4	SUG	CTF	BZM	GSO		
64.9	SUG	CTF	GSO			
65.3	SUG	CTF	GSO	BZM		
72.5	SUG	CLT	GSO	BZM	CTF	
81.3	SUG	CLT	BZM	CTF		
81.6	SUG	CLT	BZM			
82.5						
95.8	CLT	XKD				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 14' 47.11", W081° 40' 25.56"	N36° 14' 38.39", W081° 40' 19.50"	0.1665
2	N36° 00' 29.08", W081° 30' 31.96"	N35° 58' 06.47", W081° 28' 53.70"	2.72
3	N35° 37' 16.27", W081° 15' 26.66"	N35° 24' 56.90", W081° 09' 02.85"	13.3663

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
GZG	JTEEA	HMV, BZM, GZG, LOZ, SOT, BKW	
JTEEA	BTSEY	HMV, GSO, BZM, SUG, CTF, GZG, SOT, CLT	
BTSEY	CEDOX	XKD, GSO, BZM, CTF, SUG, CLT	

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User Data Files

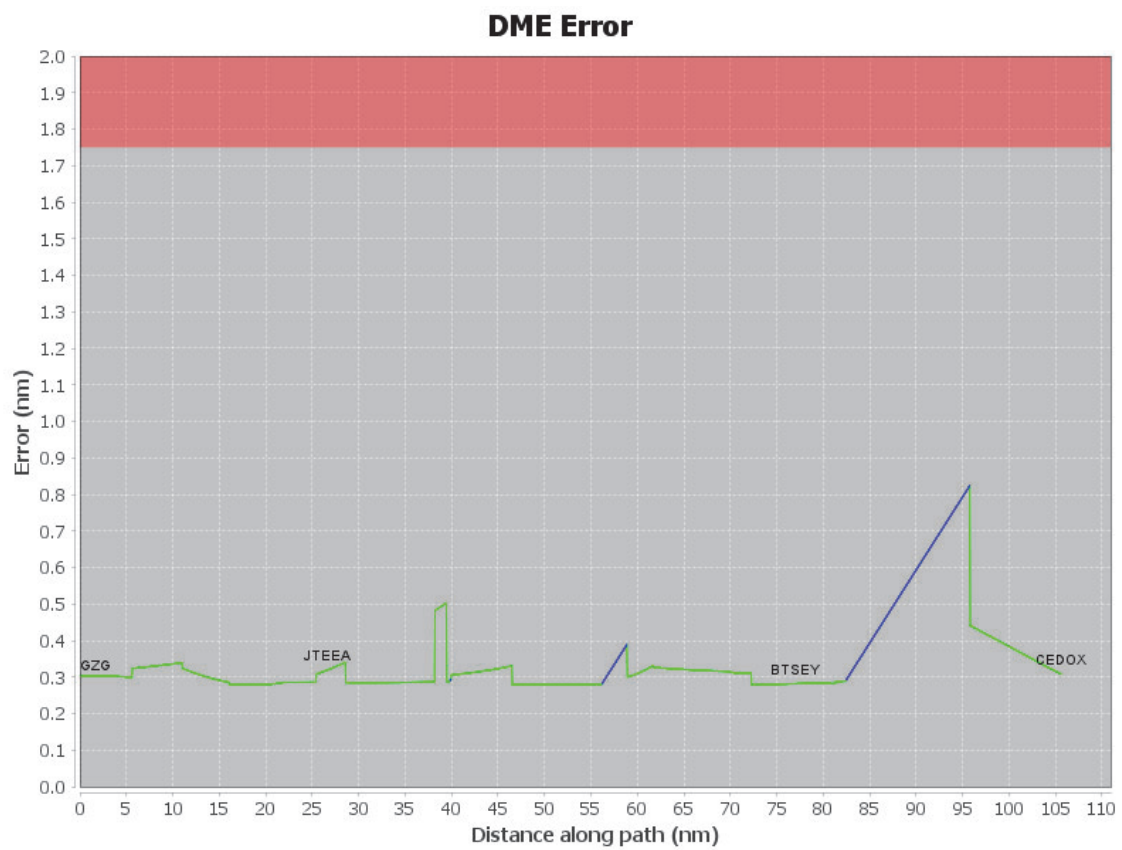
File Name

None

User DMEs

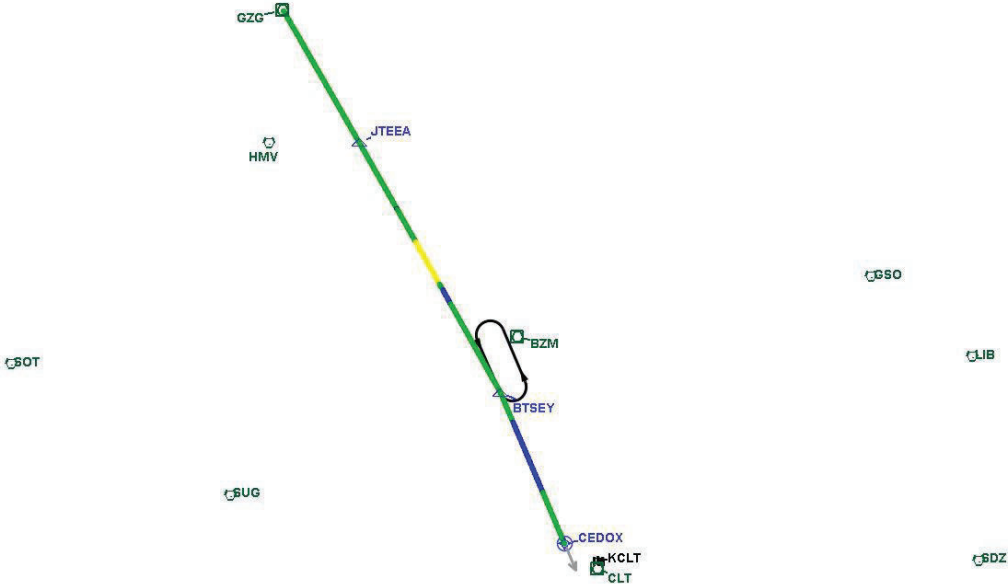
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV BZM [IFPA] BZM	N35° 52' 07.87", W081° 14' 25.90"	6.0 W	130	1880	113.75	ESV BZM [IFPA]	
ESV:		Bearing [True]: 314.0° to 334.0° Bearing [Mag]: 320.0° to 340.0°				Arc Distance: Out to 75.0 NM Altitude: 10500.0 to 18500.0 ft		
2	SUG FAA 700549-8 SUG	N35° 24' 23.42", W082° 16' 07.01"	2.0 W	40	3970	112.2	SUG FAA 700549-8	
ESV:		Bearing [True]: 22.0° to 89.0° Bearing [Mag]: 24.0° to 91.0°				Arc Distance: Out to 55.0 NM Altitude: 4000.0 to 15000.0 ft		
3	SOT FAA 720168-6 SOT	N35° 47' 24.36", W083° 03' 08.53"	4.0 W	40	4239	108.8	SOT FAA 720168-6	
ESV:		Bearing [True]: 53.0° to 103.0° Bearing [Mag]: 57.0° to 107.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 10000.0 ft		
4	GSO FAA 698207-34 GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	907.9	116.2	GSO FAA 698207-34	
ESV:		Bearing [True]: 231.0° to 298.0° Bearing [Mag]: 234.0° to 301.0°				Arc Distance: Out to 76.0 NM Altitude: 5800.0 to 15500.0 ft		
5	ESV SOT [IFPA] SOT	N35° 47' 24.36", W083° 03' 08.53"	4.0 W	40	4239	108.8	ESV SOT [IFPA]	
ESV:		Bearing [True]: 26.0° to 56.0° Bearing [Mag]: 30.0° to 60.0°				Arc Distance: Out to 85.0 NM Altitude: 10500.0 to 18500.0 ft		

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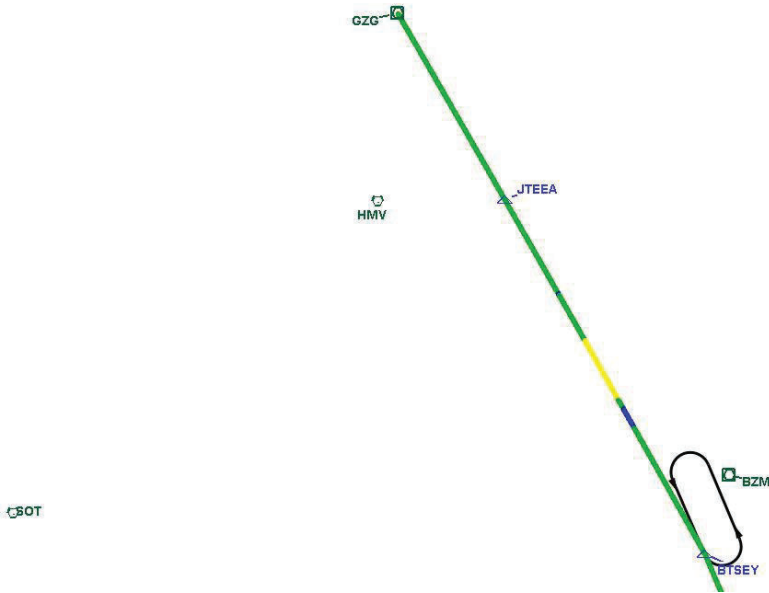
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Graphic Depiction 1



DME DME Assessment Results for BTSEY1 path GZG_CEDOX

Graphic Depiction 2



DME DME Assessment Results for BTSEY1 path GZG_CEDOX

Graphic Depiction 3

